

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074278.D
 Acq On : 02 Sep 2022 06:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 02 08:40:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

Supervised By :Mahesh
 Dadoda
 Date:02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	194232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	383993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	342730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	163881	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	161986	53.762	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.520%	
35) Dibromofluoromethane	7.951	113	121107	48.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.940%	
50) Toluene-d8	10.380	98	503414	51.159	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	12.669	95	162322	54.243	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.480%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.052	85	110958	55.210	ug/l	96
3) Chloromethane	2.269	50	178211	62.954	ug/l	98
4) Vinyl Chloride	2.410	62	175929	62.544	ug/l	97
5) Bromomethane	2.804	94	56520	36.752	ug/l	86
6) Chloroethane	2.969	64	115462	62.840	ug/l	98
7) Trichlorofluoromethane	3.322	101	153091	35.601	ug/l	96
8) Diethyl Ether	3.769	74	88614	48.457	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.140	101	98974	40.303	ug/l	90
10) Methyl Iodide	4.357	142	47970	24.201	ug/l	93
11) Tert butyl alcohol	5.281	59	146317	214.991	ug/l	98
12) 1,1-Dichloroethene	4.116	96	105263	46.223	ug/l	99
13) Acrolein	3.981	56	185165	278.005	ug/l	99
14) Allyl chloride	4.769	41	246088	48.459	ug/l #	94
15) Acrylonitrile	5.475	53	524705	241.055	ug/l	99
16) Acetone	4.216	43	439488	218.289	ug/l	93
17) Carbon Disulfide	4.463	76	303830	46.880	ug/l	99
18) Methyl Acetate	4.769	43	266647	52.397	ug/l #	87
19) Methyl tert-butyl Ether	5.534	73	418616	49.696	ug/l	94
20) Methylene Chloride	5.016	84	136569	50.578	ug/l #	79
21) trans-1,2-Dichloroethene	5.516	96	118912	45.242	ug/l	91
22) Diisopropyl ether	6.410	45	546729	52.842	ug/l #	90
23) Vinyl Acetate	6.351	43	2449675	280.424	ug/l #	90
24) 1,1-Dichloroethane	6.310	63	253414	49.648	ug/l	95
25) 2-Butanone	7.257	43	772402	239.820	ug/l #	87
26) 2,2-Dichloropropane	7.251	77	93673	28.574	ug/l	93
27) cis-1,2-Dichloroethene	7.251	96	143429	48.856	ug/l	96
28) Bromochloromethane	7.592	49	100744	59.417	ug/l #	68
29) Tetrahydrofuran	7.610	42	531603	259.172	ug/l #	82
30) Chloroform	7.745	83	249606	47.971	ug/l	99
31) Cyclohexane	8.022	56	250979	50.415	ug/l	88
32) 1,1,1-Trichloroethane	7.945	97	186357	46.570	ug/l	93
36) 1,1-Dichloropropene	8.151	75	182971	45.131	ug/l	96
37) Ethyl Acetate	7.339	43	307656	45.376	ug/l #	92
38) Carbon Tetrachloride	8.134	117	147004	39.815	ug/l	98
39) Methylcyclohexane	9.398	83	217439	45.687	ug/l	93
40) Benzene	8.392	78	608462	47.798	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074278.D
 Acq On : 02 Sep 2022 06:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 02 08:40:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Reviewed By :Mahesh
 Dadoda
 Date:02/2022

Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	160994	51.441	ug/l #	78
42) 1,2-Dichloroethane	8.463	62	196381	43.349	ug/l	98
43) Isopropyl Acetate	8.492	43	461975	50.684	ug/l #	91
44) Trichloroethene	9.151	130	121308	42.645	ug/l	90
45) 1,2-Dichloropropane	9.428	63	165376	48.116	ug/l	95
46) Dibromomethane	9.510	93	99902	43.521	ug/l #	84
47) Bromodichloromethane	9.698	83	188989	42.013	ug/l	96
48) Methyl methacrylate	9.492	41	199923	46.176	ug/l	87
49) 1,4-Dioxane	9.504	88	58596	627.304	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1610452	243.451	ug/l	89
52) Toluene	10.445	92	361985	48.243	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	191341	44.862	ug/l	93
54) cis-1,3-Dichloropropene	10.128	75	211982	44.394	ug/l #	87
55) 1,1,2-Trichloroethane	10.839	97	142219	43.819	ug/l	91
56) Ethyl methacrylate	10.698	69	257443	52.331	ug/l #	78
57) 1,3-Dichloropropane	10.986	76	261135	46.296	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	608252	244.416	ug/l #	87
59) 2-Hexanone	11.027	43	1210031	241.038	ug/l	88
60) Dibromochloromethane	11.180	129	131662	43.310	ug/l	98
61) 1,2-Dibromoethane	11.286	107	139665	45.034	ug/l	98
64) Tetrachloroethene	10.916	164	94432	38.039	ug/l	97
65) Chlorobenzene	11.710	112	351559	45.584	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	119253	43.504	ug/l	99
67) Ethyl Benzene	11.786	91	684126	49.430	ug/l	99
68) m/p-Xylenes	11.892	106	501969	97.632	ug/l	95
69) o-Xylene	12.221	106	253730	49.527	ug/l	99
70) Styrene	12.233	104	414297	50.760	ug/l	99
71) Bromoform	12.398	173	92679	39.916	ug/l #	99
73) Isopropylbenzene	12.516	105	651674	46.433	ug/l	96
74) N-amyl acetate	12.327	43	407818	51.359	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.769	83	257458	44.234	ug/l	95
76) 1,2,3-Trichloropropane	12.821	75	191014m	48.838	ug/l	
77) Bromobenzene	12.798	156	136809	41.672	ug/l	77
78) n-propylbenzene	12.857	91	794023	49.633	ug/l	94
79) 2-Chlorotoluene	12.945	91	443595	45.269	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	523208	45.839	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	61138	38.723	ug/l	96
82) 4-Chlorotoluene	13.039	91	436827	46.071	ug/l	98
83) tert-Butylbenzene	13.263	119	449099	45.997	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	526435	47.788	ug/l	98
85) sec-Butylbenzene	13.439	105	681291	49.743	ug/l	96
86) p-Isopropyltoluene	13.551	119	533499	50.060	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	254902	43.557	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	259557	42.871	ug/l	97
89) n-Butylbenzene	13.880	91	505365	54.448	ug/l	96
90) Hexachloroethane	14.145	117	86673	39.449	ug/l	80
91) 1,2-Dichlorobenzene	13.927	146	263827	42.767	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	47651	40.961	ug/l	85
93) 1,2,4-Trichlorobenzene	15.192	180	147734	48.958	ug/l	97
94) Hexachlorobutadiene	15.298	225	57189	38.539	ug/l	99
95) Naphthalene	15.433	128	568528	45.817	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	145991	46.702	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074278.D
Acq On : 02 Sep 2022 06:33
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Sep 02 08:40:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/02/2022

Supervised By :Mahesh
Dadoda
09/02/2022

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed							

09/02/2022

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074278.D
 Acq On : 02 Sep 2022 06:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John
 Carlone

09/02/2022 By :Mahesh
 Dadoda
 Supervised By :Mahesh
 Dadoda

Quant Time: Sep 02 08:40:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

