

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073472.D
 Acq On : 14 Jul 2022 19:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 15 02:03:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

07/15/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	196020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	352064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	325353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	158230	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	145545	51.434	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.860%	
35) Dibromofluoromethane	7.945	113	116251	49.630	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.260%	
50) Toluene-d8	10.380	98	391897	47.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.220%	
62) 4-Bromofluorobenzene	12.674	95	163829	51.244	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.480%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	133455	46.568	ug/l	96
3) Chloromethane	2.263	50	128849	46.310	ug/l	97
4) Vinyl Chloride	2.404	62	111867	47.321	ug/l	99
5) Bromomethane	2.781	94	42052	37.661	ug/l	99
6) Chloroethane	2.951	64	73999	53.212	ug/l	98
7) Trichlorofluoromethane	3.310	101	187308	45.830	ug/l	99
8) Diethyl Ether	3.763	74	88511	53.200	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.134	101	116695	48.322	ug/l	97
10) Methyl Iodide	4.345	142	128855	44.939	ug/l	95
11) Tert butyl alcohol	5.298	59	209971	306.305	ug/l	100
12) 1,1-Dichloroethene	4.110	96	111928	48.505	ug/l	94
13) Acrolein	3.981	56	69528	160.469	ug/l	97
14) Allyl chloride	4.757	41	260712	53.632	ug/l #	90
15) Acrylonitrile	5.475	53	554980	314.499	ug/l	99
16) Acetone	4.222	43	515897	324.791	ug/l	94
17) Carbon Disulfide	4.451	76	249116	41.634	ug/l	99
18) Methyl Acetate	4.775	43	303227	68.121	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	470000	55.885	ug/l	98
20) Methylene Chloride	5.010	84	144850	51.890	ug/l #	86
21) trans-1,2-Dichloroethene	5.510	96	117524	48.742	ug/l	97
22) Diisopropyl ether	6.410	45	539271	59.450	ug/l #	96
23) Vinyl Acetate	6.351	43	2343396	288.542	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	266090	56.685	ug/l	99
25) 2-Butanone	7.257	43	824389	325.988	ug/l #	87
26) 2,2-Dichloropropane	7.251	77	171237	39.442	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	155372	53.212	ug/l	98
28) Bromochloromethane	7.586	49	126996	64.598	ug/l #	79
29) Tetrahydrofuran	7.610	42	562337	324.752	ug/l #	84
30) Chloroform	7.745	83	263739	55.783	ug/l	100
31) Cyclohexane	8.022	56	214660	46.318	ug/l	89
32) 1,1,1-Trichloroethane	7.945	97	221650	52.606	ug/l	99
36) 1,1-Dichloropropene	8.151	75	175144	48.595	ug/l	98
37) Ethyl Acetate	7.339	43	311787	57.253	ug/l #	95
38) Carbon Tetrachloride	8.133	117	177431	47.605	ug/l	98
39) Methylcyclohexane	9.392	83	204177	45.503	ug/l	94
40) Benzene	8.392	78	572174	51.441	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073472.D
 Acq On : 14 Jul 2022 19:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 15 02:03:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

07/15/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.563	41	161431	61.123	ug/l	#	81
42) 1,2-Dichloroethane	8.463	62	217451	53.931	ug/l		97
43) Isopropyl Acetate	8.492	43	453159	57.900	ug/l	#	92
44) Trichloroethene	9.151	130	132831	46.927	ug/l		93
45) 1,2-Dichloropropane	9.427	63	155831	54.966	ug/l		99
46) Dibromomethane	9.516	93	101710	52.838	ug/l		90
47) Bromodichloromethane	9.698	83	208170	55.836	ug/l		99
48) Methyl methacrylate	9.498	41	201675	55.653	ug/l		90
49) 1,4-Dioxane	9.504	88	83404	1212.390	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.269	43	1574572	317.247	ug/l		91
52) Toluene	10.445	92	350397	50.974	ug/l		99
53) t-1,3-Dichloropropene	10.657	75	212117	51.682	ug/l		99
54) cis-1,3-Dichloropropene	10.127	75	231401	52.223	ug/l		91
55) 1,1,2-Trichloroethane	10.839	97	154256	54.509	ug/l		98
56) Ethyl methacrylate	10.704	69	258946	56.612	ug/l	#	85
57) 1,3-Dichloropropane	10.986	76	261931	53.993	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.980	63	617446	302.680	ug/l		93
59) 2-Hexanone	11.027	43	1225168	323.834	ug/l		88
60) Dibromochloromethane	11.180	129	152506	56.524	ug/l		99
61) 1,2-Dibromoethane	11.286	107	153208	54.202	ug/l		100
64) Tetrachloroethene	10.916	164	119616	45.024	ug/l		94
65) Chlorobenzene	11.710	112	365796	49.712	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.780	131	137862	50.937	ug/l		98
67) Ethyl Benzene	11.786	91	680999	50.978	ug/l		100
68) m/p-Xylenes	11.892	106	507531	100.669	ug/l		95
69) o-Xylene	12.221	106	255775	49.696	ug/l		93
70) Styrene	12.233	104	427334	53.779	ug/l		98
71) Bromoform	12.398	173	110011	55.549	ug/l	#	98
73) Isopropylbenzene	12.521	105	679626	49.739	ug/l		98
74) N-amyl acetate	12.327	43	361408	52.823	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	245576	54.161	ug/l		100
76) 1,2,3-Trichloropropane	12.821	75	221832m	53.616	ug/l		
77) Bromobenzene	12.798	156	153869	48.435	ug/l		84
78) n-propylbenzene	12.863	91	780652	51.428	ug/l		97
79) 2-Chlorotoluene	12.945	91	481313	50.100	ug/l		95
80) 1,3,5-Trimethylbenzene	12.998	105	559655	50.251	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.568	75	72784	48.245	ug/l		91
82) 4-Chlorotoluene	13.045	91	455831	49.009	ug/l		97
83) tert-Butylbenzene	13.262	119	494349	49.511	ug/l		94
84) 1,2,4-Trimethylbenzene	13.310	105	562524	50.590	ug/l		96
85) sec-Butylbenzene	13.439	105	702802	52.420	ug/l		97
86) p-Isopropyltoluene	13.557	119	558932	51.607	ug/l		98
87) 1,3-Dichlorobenzene	13.551	146	277635	48.715	ug/l		99
88) 1,4-Dichlorobenzene	13.633	146	274022	47.987	ug/l		99
89) n-Butylbenzene	13.880	91	477960	52.959	ug/l		98
90) Hexachloroethane	14.151	117	104428	51.738	ug/l		85
91) 1,2-Dichlorobenzene	13.927	146	289605	49.883	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	59182	53.702	ug/l		88
93) 1,2,4-Trichlorobenzene	15.192	180	152469	50.438	ug/l		98
94) Hexachlorobutadiene	15.298	225	67294	50.077	ug/l		97
95) Naphthalene	15.433	128	610799	50.086	ug/l		100
96) 1,2,3-Trichlorobenzene	15.627	180	155871	49.985	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
Data File : VN073472.D
Acq On : 14 Jul 2022 19:55
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 15 02:03:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/15/2022
Supervised By :Mahesh
Dadoda

07/15/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

