

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073383.D
 Acq On : 08 Jul 2022 10:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

Quant Time: Jul 09 05:20:57 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

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	250785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	425010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	389591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	186862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	176558	48.768	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.540%		
35) Dibromofluoromethane	7.951	113	147761	52.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.520%		
50) Toluene-d8	10.374	98	513452	51.126	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.260%		
62) 4-Bromofluorobenzene	12.668	95	207890	53.865	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	180887	49.335	ug/l	98
3) Chloromethane	2.269	50	163633	45.969	ug/l	100
4) Vinyl Chloride	2.404	62	148041	48.947	ug/l	100
5) Bromomethane	2.781	94	61707	43.196	ug/l	97
6) Chloroethane	2.957	64	88590	49.793	ug/l	91
7) Trichlorofluoromethane	3.310	101	263546	50.402	ug/l	98
8) Diethyl Ether	3.763	74	107121	50.326	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.140	101	154856	50.121	ug/l	97
10) Methyl Iodide	4.351	142	163962	44.671	ug/l	97
11) Tert butyl alcohol	5.281	59	214073	244.093	ug/l	98
12) 1,1-Dichloroethene	4.110	96	144540	48.960	ug/l	99
13) Acrolein	3.975	56	148175	267.304	ug/l	97
14) Allyl chloride	4.757	41	310694	49.956	ug/l #	93
15) Acrylonitrile	5.469	53	586428	259.750	ug/l	99
16) Acetone	4.216	43	524724	258.209	ug/l	95
17) Carbon Disulfide	4.457	76	346768	45.299	ug/l	97
18) Methyl Acetate	4.775	43	295377	51.867	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	560625	52.104	ug/l	100
20) Methylene Chloride	5.016	84	174890	48.970	ug/l	92
21) trans-1,2-Dichloroethene	5.510	96	150998	48.950	ug/l	91
22) Diisopropyl ether	6.404	45	613093	52.829	ug/l	95
23) Vinyl Acetate	6.345	43	2727494	262.498	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	313457	52.194	ug/l	99
25) 2-Butanone	7.251	43	840616	259.816	ug/l	91
26) 2,2-Dichloropropane	7.239	77	274121	49.352	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	189179	50.642	ug/l	95
28) Bromochloromethane	7.581	49	139487	55.457	ug/l	84
29) Tetrahydrofuran	7.604	42	564163	254.659	ug/l	87
30) Chloroform	7.739	83	313819	51.881	ug/l	98
31) Cyclohexane	8.022	56	274765	46.341	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	272286	50.512	ug/l	98
36) 1,1-Dichloropropene	8.145	75	224066	51.499	ug/l	98
37) Ethyl Acetate	7.334	43	342216	52.055	ug/l #	96
38) Carbon Tetrachloride	8.133	117	227577	50.579	ug/l	98
39) Methylcyclohexane	9.392	83	275239	50.812	ug/l	94
40) Benzene	8.386	78	691482	51.497	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073383.D
 Acq On : 08 Jul 2022 10:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 09 05:20:57 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 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	145048	45.493	ug/l	89
42) 1,2-Dichloroethane	8.457	62	253455	52.072	ug/l	98
43) Isopropyl Acetate	8.492	43	506910	53.652	ug/l	94
44) Trichloroethene	9.145	130	173351	50.731	ug/l	89
45) 1,2-Dichloropropane	9.422	63	179951	52.580	ug/l	98
46) Dibromomethane	9.510	93	120963	52.054	ug/l	93
47) Bromodichloromethane	9.692	83	247384	54.965	ug/l	99
48) Methyl methacrylate	9.492	41	226052	51.674	ug/l	91
49) 1,4-Dioxane	9.504	88	86337	1039.620	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1646297	274.768	ug/l	91
52) Toluene	10.439	92	429599	51.770	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	274156	55.333	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	291779	54.548	ug/l #	92
55) 1,1,2-Trichloroethane	10.833	97	176199	51.577	ug/l	97
56) Ethyl methacrylate	10.698	69	298331	54.028	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	305032	52.086	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	683338	277.487	ug/l	94
59) 2-Hexanone	11.022	43	1254971	274.778	ug/l	88
60) Dibromochloromethane	11.174	129	183825	56.438	ug/l	100
61) 1,2-Dibromoethane	11.280	107	183961	53.911	ug/l	100
64) Tetrachloroethene	10.916	164	158637	49.866	ug/l	98
65) Chlorobenzene	11.704	112	460787	52.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	169942	52.437	ug/l	99
67) Ethyl Benzene	11.780	91	844051	52.765	ug/l	99
68) m/p-Xylenes	11.892	106	635433	105.257	ug/l	97
69) o-Xylene	12.216	106	318274	51.643	ug/l	97
70) Styrene	12.233	104	526949	55.380	ug/l	99
71) Bromoform	12.398	173	136132	57.405	ug/l #	98
73) Isopropylbenzene	12.516	105	834634	51.724	ug/l	99
74) N-amyl acetate	12.327	43	400630	49.584	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	273098	51.002	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	229208m	46.911	ug/l	
77) Bromobenzene	12.798	156	189752	50.578	ug/l	88
78) n-propylbenzene	12.857	91	968021	54.001	ug/l	97
79) 2-Chlorotoluene	12.945	91	580049	51.126	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	689263	52.406	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	95032	53.340	ug/l	98
82) 4-Chlorotoluene	13.039	91	559085	50.900	ug/l	99
83) tert-Butylbenzene	13.257	119	605928	51.388	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	688902	52.462	ug/l	98
85) sec-Butylbenzene	13.439	105	873538	55.171	ug/l	98
86) p-Isopropyltoluene	13.551	119	706616	55.246	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	341487	50.737	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	343671	50.963	ug/l	99
89) n-Butylbenzene	13.880	91	610985	57.326	ug/l	98
90) Hexachloroethane	14.145	117	126560	53.095	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	348113	50.774	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	65033	49.969	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	190808	53.449	ug/l	99
94) Hexachlorobutadiene	15.298	225	84061	52.969	ug/l	96
95) Naphthalene	15.433	128	714261	49.596	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	190481	51.725	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
Data File : VN073383.D
Acq On : 08 Jul 2022 10:01
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/11/2022
Supervised By : Mahesh Dadoda 07/11/2022

Quant Time: Jul 09 05:20:57 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

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

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

