

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075577.D
 Acq On : 06 Dec 2022 11:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 00:06:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	141615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	227962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	213928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	39542	52.017	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.040%	
35) Dibromofluoromethane	8.171	113	48928	54.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.280%	
50) Toluene-d8	10.565	98	106086	52.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.200%	
62) 4-Bromofluorobenzene	12.853	95	84828	56.981	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	58103	53.656	ug/l	94
3) Chloromethane	2.371	50	70215	52.111	ug/l	98
4) Vinyl Chloride	2.524	62	87923	51.776	ug/l	95
5) Bromomethane	2.936	94	82060	54.952	ug/l	92
6) Chloroethane	3.112	64	64270	49.949	ug/l	98
7) Trichlorofluoromethane	3.500	101	129554	53.403	ug/l	97
8) Diethyl Ether	3.971	74	48687	57.261	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	75239	56.180	ug/l	92
10) Methyl Iodide	4.594	142	120003	55.298	ug/l	95
11) Tert butyl alcohol	5.535	59	68172	213.631	ug/l	98
12) 1,1-Dichloroethene	4.353	96	68816	52.474	ug/l	92
13) Acrolein	4.189	56	86464	311.024	ug/l	99
14) Allyl chloride	5.036	41	85921	50.651	ug/l	93
15) Acrylonitrile	5.730	53	195646	267.230	ug/l	100
16) Acetone	4.436	43	248744	350.812	ug/l	95
17) Carbon Disulfide	4.724	76	177091	51.960	ug/l	100
18) Methyl Acetate	5.030	43	101761	57.113	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	255363	54.968	ug/l	100
20) Methylene Chloride	5.283	84	84120	58.728	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	76921	51.467	ug/l	94
22) Diisopropyl ether	6.677	45	217386	56.157	ug/l	99
23) Vinyl Acetate	6.612	43	775714	251.881	ug/l	98
24) 1,1-Dichloroethane	6.577	63	136327	54.866	ug/l	98
25) 2-Butanone	7.488	43	286945	289.865	ug/l	100
26) 2,2-Dichloropropane	7.494	77	117210	50.756	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	97721	57.824	ug/l	92
28) Bromochloromethane	7.818	49	56297	55.817	ug/l	84
29) Tetrahydrofuran	7.841	42	159762	265.324	ug/l	99
30) Chloroform	7.971	83	152167	53.328	ug/l	99
31) Cyclohexane	8.259	56	120942	50.076	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	135852	52.436	ug/l	96
36) 1,1-Dichloropropene	8.377	75	108432	55.524	ug/l	97
37) Ethyl Acetate	7.565	43	96246	54.734	ug/l	99
38) Carbon Tetrachloride	8.365	117	123687	57.655	ug/l	99
39) Methylcyclohexane	9.606	83	143645	58.771	ug/l	98
40) Benzene	8.612	78	334463	55.938	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	50757	56.459	ug/l	96
42) 1,2-Dichloroethane	8.671	62	115791	57.823	ug/l	96
43) Isopropyl Acetate	8.694	43	162094	57.429	ug/l	97
44) Trichloroethene	9.353	130	91018	55.633	ug/l	92
45) 1,2-Dichloropropane	9.623	63	83199	58.390	ug/l	95
46) Dibromomethane	9.712	93	62835	58.302	ug/l	90
47) Bromodichloromethane	9.888	83	123462	59.155	ug/l	99
48) Methyl methacrylate	9.682	41	74996	57.463	ug/l	97
49) 1,4-Dioxane	9.700	88	40054	1080.800	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	514802	286.363	ug/l	97
52) Toluene	10.629	92	223635	58.041	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	127479	60.841	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	138360	60.799	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	92771	59.116	ug/l	97
56) Ethyl methacrylate	10.876	69	127949	60.372	ug/l	98
57) 1,3-Dichloropropane	11.165	76	147732	57.734	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	227819	298.057	ug/l	97
59) 2-Hexanone	11.200	43	419730	310.930	ug/l	97
60) Dibromochloromethane	11.359	129	105461	65.470	ug/l	99
61) 1,2-Dibromoethane	11.470	107	93828	57.604	ug/l	98
64) Tetrachloroethene	11.106	164	83393	51.046	ug/l	90
65) Chlorobenzene	11.894	112	244264	55.289	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	94926	57.570	ug/l	98
67) Ethyl Benzene	11.964	91	435631	57.797	ug/l	96
68) m/p-Xylenes	12.070	106	357329	116.743	ug/l	100
69) o-Xylene	12.400	106	176772	58.127	ug/l	97
70) Styrene	12.412	104	293886	61.259	ug/l	98
71) Bromoform	12.582	173	81668	65.077	ug/l #	99
73) Isopropylbenzene	12.700	105	454497	54.991	ug/l	98
74) N-amyl acetate	12.494	43	146121	57.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	137925	54.737	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	103133m	48.217	ug/l	
77) Bromobenzene	12.982	156	111396	54.594	ug/l	86
78) n-propylbenzene	13.041	91	524398	56.853	ug/l	99
79) 2-Chlorotoluene	13.129	91	309937	55.769	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	396472	57.739	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	41833m	57.868	ug/l	
82) 4-Chlorotoluene	13.129	91	309937	55.769	ug/l	96
83) tert-Butylbenzene	13.441	119	342749	54.746	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	401830	58.341	ug/l	98
85) sec-Butylbenzene	13.617	105	492919	58.025	ug/l	99
86) p-Isopropyltoluene	13.735	119	422320	59.089	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	216455	55.989	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	215129	54.780	ug/l	98
89) n-Butylbenzene	14.058	91	341312	56.541	ug/l	98
90) Hexachloroethane	14.335	117	74955	60.791	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	213529	56.663	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25680	53.800	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	110676	57.310	ug/l	98
94) Hexachlorobutadiene	15.505	225	55169	54.845	ug/l	98
95) Naphthalene	15.641	128	337720	55.588	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	106216	55.961	ug/l	98

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

