

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN074977.D
 Acq On : 24 Oct 2022 12:14
 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 :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

Quant Time: Oct 25 06:38:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	440958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	788548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	906633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	655688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	549395	46.893	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.780%		
35) Dibromofluoromethane	8.171	113	440318	46.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.820%		
50) Toluene-d8	10.571	98	1676937	46.568	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.140%		
62) 4-Bromofluorobenzene	12.853	95	639794	50.368	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	280650	40.715	ug/l	99
3) Chloromethane	2.371	50	324339	45.869	ug/l	97
4) Vinyl Chloride	2.524	62	493930	46.245	ug/l	96
5) Bromomethane	2.918	94	445312	51.826	ug/l	95
6) Chloroethane	3.107	64	397012	49.080	ug/l	94
7) Trichlorofluoromethane	3.489	101	531638	46.821	ug/l	96
8) Diethyl Ether	3.971	74	245120	46.906	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	320202	47.679	ug/l	97
10) Methyl Iodide	4.595	142	470488	47.720	ug/l	100
11) Tert butyl alcohol	5.548	59	614619	248.134	ug/l	98
12) 1,1-Dichloroethene	4.348	96	286301	47.354	ug/l	97
13) Acrolein	4.189	56	390012	324.931	ug/l	96
14) Allyl chloride	5.030	41	498146	46.429	ug/l	98
15) Acrylonitrile	5.736	53	1265364	252.539	ug/l	99
16) Acetone	4.442	43	1017310	254.800	ug/l	98
17) Carbon Disulfide	4.718	76	538215	43.220	ug/l	99
18) Methyl Acetate	5.036	43	714805	48.041	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	1475475	51.866	ug/l	98
20) Methylene Chloride	5.283	84	403271	51.174	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	341568	47.987	ug/l	88
22) Diisopropyl ether	6.683	45	1250156	50.918	ug/l	98
23) Vinyl Acetate	6.612	43	4529119	234.340	ug/l	97
24) 1,1-Dichloroethane	6.583	63	728058	47.956	ug/l	97
25) 2-Butanone	7.489	43	1711831	239.849	ug/l	97
26) 2,2-Dichloropropane	7.500	77	639147	44.546	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	470277	47.782	ug/l	98
28) Bromochloromethane	7.818	49	325328	51.426	ug/l	98
29) Tetrahydrofuran	7.847	42	1090508	247.739	ug/l	100
30) Chloroform	7.971	83	815572	47.542	ug/l	94
31) Cyclohexane	8.265	56	484907	40.511	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	689831	44.691	ug/l	99
36) 1,1-Dichloropropene	8.371	75	509281	43.086	ug/l	98
37) Ethyl Acetate	7.565	43	668469	48.027	ug/l	100
38) Carbon Tetrachloride	8.371	117	573908	44.602	ug/l	97
39) Methylcyclohexane	9.600	83	596120	42.566	ug/l	93
40) Benzene	8.612	78	1665700	45.710	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	345046	49.391	ug/l	98
42) 1,2-Dichloroethane	8.677	62	653612	47.384	ug/l	98
43) Isopropyl Acetate	8.694	43	1088369	50.416	ug/l	100
44) Trichloroethene	9.353	130	389665	43.567	ug/l	93
45) 1,2-Dichloropropane	9.624	63	445068	47.387	ug/l	99
46) Dibromomethane	9.712	93	339037	49.363	ug/l	100
47) Bromodichloromethane	9.888	83	674450	48.610	ug/l	95
48) Methyl methacrylate	9.683	41	490289	51.940	ug/l	97
49) 1,4-Dioxane	9.700	88	270626	991.597	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	3647218	255.055	ug/l	100
52) Toluene	10.635	92	1138065	47.861	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	756676	55.278	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	754252	49.826	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	502263	50.335	ug/l	97
56) Ethyl methacrylate	10.877	69	801692	53.351	ug/l	96
57) 1,3-Dichloropropane	11.165	76	840539	49.617	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	1586007	234.920	ug/l	99
59) 2-Hexanone	11.200	43	2780429	256.385	ug/l	100
60) Dibromochloromethane	11.359	129	559276	53.390	ug/l	100
61) 1,2-Dibromoethane	11.471	107	523540	52.035	ug/l	99
64) Tetrachloroethene	11.106	164	311266	41.984	ug/l	94
65) Chlorobenzene	11.894	112	1274176	46.480	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	517789	50.113	ug/l	99
67) Ethyl Benzene	11.965	91	2260691	46.446	ug/l	98
68) m/p-Xylenes	12.071	106	1817484	95.765	ug/l	99
69) o-Xylene	12.400	106	929791	48.907	ug/l	98
70) Styrene	12.412	104	1550608	51.458	ug/l	99
71) Bromoform	12.582	173	407450	52.250	ug/l #	98
73) Isopropylbenzene	12.700	105	2383924	44.512	ug/l	99
74) N-amyl acetate	12.494	43	998148	46.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	899879	44.991	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	782094m	43.983	ug/l	
77) Bromobenzene	12.982	156	538604	43.854	ug/l	97
78) n-propylbenzene	13.035	91	2789454	44.503	ug/l	100
79) 2-Chlorotoluene	13.129	91	1720517	44.312	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	2118402	45.792	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	305343	55.057	ug/l	88
82) 4-Chlorotoluene	13.129	91	1720517	44.312	ug/l	99
83) tert-Butylbenzene	13.441	119	1843060	45.019	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	2172065	46.486	ug/l	100
85) sec-Butylbenzene	13.618	105	2649496	46.094	ug/l	100
86) p-Isopropyltoluene	13.729	119	2232813	47.165	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	1121301	47.719	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	1136767	47.717	ug/l	98
89) n-Butylbenzene	14.059	91	1876720	46.424	ug/l	100
90) Hexachloroethane	14.335	117	419261	45.710	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	1141253	47.383	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	201640	48.519	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	529696	50.536	ug/l	98
94) Hexachlorobutadiene	15.500	225	232336	42.935	ug/l	98
95) Naphthalene	15.641	128	2106490	52.879	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	520723	49.363	ug/l	99

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

