

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102422\
 Data File : VN075001.D
 Acq On : 24 Oct 2022 22:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

Quant Time: Oct 25 06:53:40 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	8.229	168	602644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1036485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1130997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	805965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	679299	42.425	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.840%		
35) Dibromofluoromethane	8.171	113	588333	47.689	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.380%		
50) Toluene-d8	10.571	98	2235858	47.236	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.480%		
62) 4-Bromofluorobenzene	12.853	95	812602	48.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	432709	45.933	ug/l	97
3) Chloromethane	2.371	50	398204	40.898	ug/l	93
4) Vinyl Chloride	2.524	62	569619	38.743	ug/l	93
5) Bromomethane	2.930	94	450488	37.748	ug/l	100
6) Chloroethane	3.106	64	455746	40.852	ug/l	95
7) Trichlorofluoromethane	3.494	101	805599	52.066	ug/l	98
8) Diethyl Ether	3.977	74	321684	45.042	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	469701	51.288	ug/l	97
10) Methyl Iodide	4.594	142	663320	49.228	ug/l	99
11) Tert butyl alcohol	5.536	59	708759	209.370	ug/l	99
12) 1,1-Dichloroethene	4.347	96	422111	51.177	ug/l	95
13) Acrolein	4.189	56	481581	292.820	ug/l	94
14) Allyl chloride	5.036	41	537708	36.671	ug/l	91
15) Acrylonitrile	5.730	53	1510304	220.553	ug/l	98
16) Acetone	4.447	43	1213850	220.636	ug/l	96
17) Carbon Disulfide	4.718	76	723605	42.489	ug/l	100
18) Methyl Acetate	5.036	43	868252	42.698	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	1790129	46.044	ug/l	96
20) Methylene Chloride	5.289	84	520595	48.257	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	444663	45.693	ug/l	91
22) Diisopropyl ether	6.683	45	1465301	43.668	ug/l	98
23) Vinyl Acetate	6.618	43	5322683	201.512	ug/l #	93
24) 1,1-Dichloroethane	6.577	63	887131	42.756	ug/l	99
25) 2-Butanone	7.494	43	1971676	202.138	ug/l	97
26) 2,2-Dichloropropane	7.494	77	720615	36.750	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	588863	43.779	ug/l	94
28) Bromochloromethane	7.824	49	388968	44.990	ug/l	86
29) Tetrahydrofuran	7.847	42	1262835	209.918	ug/l	96
30) Chloroform	7.977	83	1034083	44.107	ug/l	98
31) Cyclohexane	8.265	56	646889	39.544	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	917080	43.473	ug/l	97
36) 1,1-Dichloropropene	8.377	75	646638	41.620	ug/l	99
37) Ethyl Acetate	7.571	43	771925	42.194	ug/l	99
38) Carbon Tetrachloride	8.371	117	766300	45.308	ug/l	93
39) Methylcyclohexane	9.606	83	770287	41.845	ug/l	98
40) Benzene	8.612	78	2070990	43.237	ug/l	100

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41) Methacrylonitrile	7.788	41	390065	42.479	ug/l	96
42) 1,2-Dichloroethane	8.677	62	741174	40.878	ug/l	96
43) Isopropyl Acetate	8.694	43	1224541	43.155	ug/l	98
44) Trichloroethene	9.359	130	525016	44.659	ug/l	98
45) 1,2-Dichloropropane	9.624	63	538248	43.599	ug/l	97
46) Dibromomethane	9.712	93	405089	44.871	ug/l	98
47) Bromodichloromethane	9.894	83	801205	43.933	ug/l	98
48) Methyl methacrylate	9.688	41	560350	45.162	ug/l	97
49) 1,4-Dioxane	9.694	88	319957	891.913	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	4085841	217.379	ug/l	98
52) Toluene	10.635	92	1405107	44.956	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	836782	46.507	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	878361	44.145	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	612445	46.695	ug/l	95
56) Ethyl methacrylate	10.876	69	936055	47.392	ug/l	95
57) 1,3-Dichloropropane	11.165	76	990326	44.475	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1785880	201.765	ug/l	95
59) 2-Hexanone	11.200	43	3109408	218.134	ug/l	100
60) Dibromochloromethane	11.365	129	669512	48.625	ug/l	99
61) 1,2-Dibromoethane	11.470	107	630311	47.662	ug/l	98
64) Tetrachloroethene	11.106	164	392081	42.394	ug/l	99
65) Chlorobenzene	11.894	112	1555595	45.488	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	611408	47.435	ug/l	98
67) Ethyl Benzene	11.965	91	2836448	46.714	ug/l	99
68) m/p-Xylenes	12.076	106	2310812	97.605	ug/l	97
69) o-Xylene	12.400	106	1131699	47.718	ug/l	100
70) Styrene	12.412	104	1857377	49.411	ug/l	97
71) Bromoform	12.582	173	486945	50.056	ug/l #	100
73) Isopropylbenzene	12.700	105	2971267	45.134	ug/l	100
74) N-amyl acetate	12.494	43	1101581	41.646	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	1016693	41.353	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	890337m	40.735	ug/l	
77) Bromobenzene	12.982	156	664154	43.994	ug/l	89
78) n-propylbenzene	13.041	91	3298889	42.817	ug/l	99
79) 2-Chlorotoluene	13.129	91	2028321	42.499	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	2611982	45.934	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	334841	49.118	ug/l	90
82) 4-Chlorotoluene	13.129	91	2028321	42.499	ug/l	99
83) tert-Butylbenzene	13.441	119	2339141	46.483	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	2760465	48.063	ug/l	99
85) sec-Butylbenzene	13.617	105	3236538	45.808	ug/l	97
86) p-Isopropyltoluene	13.735	119	2738458	47.060	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	1351377	46.788	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	1337218	45.665	ug/l	100
89) n-Butylbenzene	14.059	91	2166027	43.590	ug/l	98
90) Hexachloroethane	14.335	117	497195	44.100	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	1375900	46.474	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	219818	43.031	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	594879	46.172	ug/l	99
94) Hexachlorobutadiene	15.505	225	269549	40.524	ug/l	98
95) Naphthalene	15.641	128	2989608	61.055	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	604795	46.642	ug/l	99

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

