

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102622\
 Data File : VN075019.D
 Acq On : 26 Oct 2022 12:13
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 06:08:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:06:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	108866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	205126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	195235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	69934	47.677	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.360%		
35) Dibromofluoromethane	8.171	113	58253	48.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.760%		
50) Toluene-d8	10.571	98	229652	49.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.320%		
62) 4-Bromofluorobenzene	12.853	95	84848	51.700	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	68949	48.685	ug/l	100
3) Chloromethane	2.371	50	71676	47.648	ug/l	100
4) Vinyl Chloride	2.524	62	106030	49.408	ug/l	100
5) Bromomethane	2.918	94	84803	48.218	ug/l	100
6) Chloroethane	3.095	64	73252	47.602	ug/l	100
7) Trichlorofluoromethane	3.489	101	106827	48.730	ug/l	100
8) Diethyl Ether	3.971	74	39284	49.130	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	58651	48.445	ug/l	100
10) Methyl Iodide	4.595	142	85131	47.233	ug/l	100
11) Tert butyl alcohol	5.542	59	77724	227.215	ug/l	100
12) 1,1-Dichloroethene	4.348	96	55907	48.446	ug/l	100
13) Acrolein	4.189	56	66574	237.937	ug/l	100
14) Allyl chloride	5.024	41	84654	50.227	ug/l	100
15) Acrylonitrile	5.730	53	174359	241.293	ug/l	100
16) Acetone	4.442	43	143218	230.589	ug/l	100
17) Carbon Disulfide	4.718	76	143567	49.471	ug/l	100
18) Methyl Acetate	5.042	43	97285	47.952	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	211133	49.225	ug/l	100
20) Methylene Chloride	5.283	84	65702	47.444	ug/l	100
21) trans-1,2-Dichloroethene	5.800	96	60870	48.175	ug/l	100
22) Diisopropyl ether	6.683	45	184039	49.480	ug/l	100
23) Vinyl Acetate	6.612	43	778587m	269.486	ug/l	
24) 1,1-Dichloroethane	6.577	63	113901	48.419	ug/l	100
25) 2-Butanone	7.494	43	233003	238.507	ug/l	100
26) 2,2-Dichloropropane	7.500	77	105327	48.670	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	73710	48.850	ug/l	100
28) Bromochloromethane	7.818	49	49229	49.644	ug/l	100
29) Tetrahydrofuran	7.847	42	155381	246.137	ug/l	100
30) Chloroform	7.971	83	125645	49.194	ug/l	100
31) Cyclohexane	8.259	56	105015	48.137	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	115610	49.845	ug/l	100
36) 1,1-Dichloropropene	8.377	75	92176	49.443	ug/l	100
37) Ethyl Acetate	7.571	43	95023	46.476	ug/l	100
38) Carbon Tetrachloride	8.371	117	103191	50.319	ug/l	100
39) Methylcyclohexane	9.606	83	122522	49.782	ug/l	100
40) Benzene	8.612	78	280058	49.062	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	48352	49.362	ug/l	100
42) 1,2-Dichloroethane	8.677	62	101413	48.832	ug/l	100
43) Isopropyl Acetate	8.694	43	156471	49.339	ug/l	100
44) Trichloroethene	9.353	130	68572	47.882	ug/l	100
45) 1,2-Dichloropropane	9.624	63	68275	50.260	ug/l	100
46) Dibromomethane	9.712	93	51069	48.253	ug/l	100
47) Bromodichloromethane	9.894	83	100345	48.960	ug/l	100
48) Methyl methacrylate	9.682	41	69180	47.555	ug/l	100
49) 1,4-Dioxane	9.700	88	35606	934.681	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	497481	243.090	ug/l	100
52) Toluene	10.635	92	196733	51.558	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	112621	52.060	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	116545	50.794	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	75796	50.097	ug/l	100
56) Ethyl methacrylate	10.877	69	118630	51.402	ug/l	100
57) 1,3-Dichloropropane	11.165	76	125208	49.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	233946	262.207	ug/l	100
59) 2-Hexanone	11.200	43	379107	244.079	ug/l	100
60) Dibromochloromethane	11.359	129	82642	51.772	ug/l	100
61) 1,2-Dibromoethane	11.471	107	79714	51.411	ug/l	100
64) Tetrachloroethene	11.106	164	56882	47.522	ug/l	100
65) Chlorobenzene	11.894	112	203025	48.718	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	76548	49.517	ug/l	100
67) Ethyl Benzene	11.965	91	378069	50.425	ug/l	100
68) m/p-Xylenes	12.076	106	311785	103.638	ug/l	100
69) o-Xylene	12.400	106	150027	50.427	ug/l	100
70) Styrene	12.412	104	245894	51.834	ug/l	100
71) Bromoform	12.582	173	58731	50.743	ug/l #	100
73) Isopropylbenzene	12.700	105	396794	48.049	ug/l	100
74) N-amyl acetate	12.494	43	142643	46.703	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	123323	45.781	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	109188m	44.867	ug/l	
77) Bromobenzene	12.982	156	85240	46.878	ug/l	100
78) n-propylbenzene	13.035	91	452346	48.788	ug/l	100
79) 2-Chlorotoluene	13.129	91	272537	48.103	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	342393	49.364	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41507	48.784	ug/l	100
82) 4-Chlorotoluene	13.129	91	272537	48.103	ug/l	100
83) tert-Butylbenzene	13.441	119	299435	48.585	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	346665	49.398	ug/l	100
85) sec-Butylbenzene	13.618	105	428079	49.651	ug/l	100
86) p-Isopropyltoluene	13.735	119	360614	50.645	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	174256	48.945	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	171463	48.663	ug/l	100
89) n-Butylbenzene	14.059	91	295417	51.521	ug/l	100
90) Hexachloroethane	14.335	117	64488	49.396	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	172614	48.769	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26860	48.220	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	77868	51.126	ug/l	100
94) Hexachlorobutadiene	15.500	225	34788	46.853	ug/l	100
95) Naphthalene	15.641	128	300489	51.304	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	75612	49.965	ug/l	100

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

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