

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075108.D
 Acq On : 02 Nov 2022 11:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 03 04:12:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/03/2022
 Supervised By : Mahesh Dadoda 11/03/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	94344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	172701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	166466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	66150	52.039	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.080%			
35) Dibromofluoromethane	8.177	113	54440	53.697	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.400%			
50) Toluene-d8	10.571	98	216645	55.078	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.160%			
62) 4-Bromofluorobenzene	12.853	95	79210	57.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	52318	42.628	ug/l	99
3) Chloromethane	2.371	50	58181	44.630	ug/l	98
4) Vinyl Chloride	2.524	62	86783	46.664	ug/l	99
5) Bromomethane	2.930	94	73593	55.849	ug/l	92
6) Chloroethane	3.106	64	63872	47.896	ug/l	96
7) Trichlorofluoromethane	3.495	101	89810	47.274	ug/l	95
8) Diethyl Ether	3.977	74	31943	46.098	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	52407	49.951	ug/l	98
10) Methyl Iodide	4.595	142	72156	46.197	ug/l	99
11) Tert butyl alcohol	5.547	59	63039	212.652	ug/l	100
12) 1,1-Dichloroethene	4.347	96	47536	47.533	ug/l	95
13) Acrolein	4.189	56	54009	222.742	ug/l	99
14) Allyl chloride	5.030	41	65332	44.729	ug/l	92
15) Acrylonitrile	5.730	53	158004	252.317	ug/l	99
16) Acetone	4.442	43	137651	255.740	ug/l	98
17) Carbon Disulfide	4.718	76	113525	45.141	ug/l	96
18) Methyl Acetate	5.036	43	90731	51.606	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	180845	48.654	ug/l	99
20) Methylene Chloride	5.283	84	56782	47.314	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	52740	48.165	ug/l	96
22) Diisopropyl ether	6.688	45	165965	51.489	ug/l	97
23) Vinyl Acetate	6.618	43	600139	222.964	ug/l	100
24) 1,1-Dichloroethane	6.577	63	101632	49.854	ug/l	99
25) 2-Butanone	7.494	43	214027	252.805	ug/l	96
26) 2,2-Dichloropropane	7.500	77	93985	50.114	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	65857	50.363	ug/l	99
28) Bromochloromethane	7.818	49	44804	52.136	ug/l	98
29) Tetrahydrofuran	7.841	42	137715	251.732	ug/l	99
30) Chloroform	7.971	83	113546	51.300	ug/l	98
31) Cyclohexane	8.265	56	88114	46.607	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	103586	51.536	ug/l	99
36) 1,1-Dichloropropene	8.377	75	82871	52.797	ug/l	100
37) Ethyl Acetate	7.571	43	86256	50.109	ug/l	99
38) Carbon Tetrachloride	8.365	117	91014	52.714	ug/l	97
39) Methylcyclohexane	9.606	83	106211	51.257	ug/l	96
40) Benzene	8.612	78	250201	52.061	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	43699	52.988	ug/l	98
42) 1,2-Dichloroethane	8.677	62	90304	51.647	ug/l	99
43) Isopropyl Acetate	8.694	43	138476	51.863	ug/l	99
44) Trichloroethene	9.353	130	59895	49.675	ug/l	98
45) 1,2-Dichloropropane	9.624	63	61248	53.552	ug/l	100
46) Dibromomethane	9.712	93	45494	51.057	ug/l	97
47) Bromodichloromethane	9.894	83	92288	53.483	ug/l	98
48) Methyl methacrylate	9.682	41	63815	52.103	ug/l	96
49) 1,4-Dioxane	9.700	88	32282	1006.529	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	453878	263.424	ug/l	99
52) Toluene	10.635	92	170771	53.157	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	99720	54.751	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	103011	53.325	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	66416	52.139	ug/l	97
56) Ethyl methacrylate	10.876	69	105222	54.153	ug/l	99
57) 1,3-Dichloropropane	11.165	76	113069	53.301	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	204529	272.276	ug/l	98
59) 2-Hexanone	11.200	43	347734	265.914	ug/l	99
60) Dibromochloromethane	11.365	129	74688	55.574	ug/l	99
61) 1,2-Dibromoethane	11.471	107	70711	54.167	ug/l	99
64) Tetrachloroethene	11.106	164	53120	52.049	ug/l	99
65) Chlorobenzene	11.894	112	181613	51.112	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	68814	52.207	ug/l	99
67) Ethyl Benzene	11.965	91	335329	52.454	ug/l	99
68) m/p-Xylenes	12.076	106	270822	105.579	ug/l	98
69) o-Xylene	12.400	106	131407	51.801	ug/l	100
70) Styrene	12.412	104	219482	54.262	ug/l	99
71) Bromoform	12.582	173	53449	54.160	ug/l #	96
73) Isopropylbenzene	12.700	105	346643	49.290	ug/l	99
74) N-amyl acetate	12.494	43	122818	47.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	110430	54.681	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	87209m	46.886	ug/l	
77) Bromobenzene	12.982	156	75684	48.875	ug/l	100
78) n-propylbenzene	13.041	91	409525	51.866	ug/l	99
79) 2-Chlorotoluene	13.129	91	239283	49.593	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	303615	51.400	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	34825	48.062	ug/l	96
82) 4-Chlorotoluene	13.129	91	239283	49.593	ug/l	99
83) tert-Butylbenzene	13.441	119	259991	49.535	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	311567	52.132	ug/l	100
85) sec-Butylbenzene	13.617	105	383741	52.263	ug/l	99
86) p-Isopropyltoluene	13.729	119	325031	53.601	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	155991	51.449	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	154335	51.434	ug/l	99
89) n-Butylbenzene	14.059	91	272113	55.725	ug/l	99
90) Hexachloroethane	14.335	117	55237	49.682	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	153473	50.917	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22764	47.987	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	68926	53.140	ug/l	99
94) Hexachlorobutadiene	15.506	225	32094	50.756	ug/l	98
95) Naphthalene	15.641	128	258131	51.751	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	69017	53.553	ug/l	98

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

