

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110122\
 Data File : VN075106.D
 Acq On : 01 Nov 2022 18:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/02/2022
 Supervised By : Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 07:13:07 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	103350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	195139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	184856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	74066	53.189	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.380%			
35) Dibromofluoromethane	8.171	113	61064	53.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.600%			
50) Toluene-d8	10.571	98	239813	53.957	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.920%			
62) 4-Bromofluorobenzene	12.847	95	88048	56.395	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	59261	44.078	ug/l	97
3) Chloromethane	2.371	50	66094	46.282	ug/l	97
4) Vinyl Chloride	2.524	62	93186	45.741	ug/l	96
5) Bromomethane	2.930	94	74372	51.105	ug/l	95
6) Chloroethane	3.112	64	67922	46.494	ug/l	97
7) Trichlorofluoromethane	3.500	101	99493	47.807	ug/l	97
8) Diethyl Ether	3.977	74	37668	49.623	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	55594	48.371	ug/l	99
10) Methyl Iodide	4.594	142	79175	46.273	ug/l	100
11) Tert butyl alcohol	5.541	59	73540	226.458	ug/l	99
12) 1,1-Dichloroethene	4.347	96	51995	47.461	ug/l	98
13) Acrolein	4.194	56	64808	243.988	ug/l	99
14) Allyl chloride	5.036	41	80758	50.473	ug/l	98
15) Acrylonitrile	5.736	53	176151	256.783	ug/l	99
16) Acetone	4.447	43	144632	245.294	ug/l	98
17) Carbon Disulfide	4.718	76	123173	44.709	ug/l	100
18) Methyl Acetate	5.042	43	100133	51.990	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	204825	50.303	ug/l	100
20) Methylene Chloride	5.289	84	62595	47.613	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	58905	49.108	ug/l	98
22) Diisopropyl ether	6.683	45	180735	51.185	ug/l	96
23) Vinyl Acetate	6.612	43	659103	223.532	ug/l	99
24) 1,1-Dichloroethane	6.577	63	111104	49.751	ug/l	100
25) 2-Butanone	7.494	43	238585	257.255	ug/l	99
26) 2,2-Dichloropropane	7.500	77	101050	49.186	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	70352	49.113	ug/l	99
28) Bromochloromethane	7.818	49	48072	51.064	ug/l	98
29) Tetrahydrofuran	7.847	42	158868	265.092	ug/l	99
30) Chloroform	7.977	83	123642	50.993	ug/l	100
31) Cyclohexane	8.265	56	93543	45.167	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	114206	51.868	ug/l	99
36) 1,1-Dichloropropene	8.377	75	89191	50.290	ug/l	99
37) Ethyl Acetate	7.565	43	93321	47.980	ug/l	100
38) Carbon Tetrachloride	8.371	117	99079	50.786	ug/l	99
39) Methylcyclohexane	9.606	83	112880	48.211	ug/l	97
40) Benzene	8.612	78	269506	49.630	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	48510	52.058	ug/l	99
42) 1,2-Dichloroethane	8.677	62	98692	49.954	ug/l	99
43) Isopropyl Acetate	8.694	43	153457	50.865	ug/l	99
44) Trichloroethene	9.359	130	65463	48.050	ug/l	99
45) 1,2-Dichloropropane	9.624	63	67371	52.132	ug/l	99
46) Dibromomethane	9.712	93	50669	50.326	ug/l	98
47) Bromodichloromethane	9.888	83	99403	50.983	ug/l	99
48) Methyl methacrylate	9.682	41	70135	50.678	ug/l	97
49) 1,4-Dioxane	9.700	88	35103	968.637	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	506359	260.091	ug/l	99
52) Toluene	10.635	92	187297	51.597	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	108087	52.521	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	113558	52.025	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	74095	51.479	ug/l	93
56) Ethyl methacrylate	10.876	69	115876	52.779	ug/l	99
57) 1,3-Dichloropropane	11.165	76	123176	51.388	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	235073	276.955	ug/l	99
59) 2-Hexanone	11.200	43	384277	260.069	ug/l	99
60) Dibromochloromethane	11.365	129	81245	53.502	ug/l	99
61) 1,2-Dibromoethane	11.470	107	78097	52.946	ug/l	99
64) Tetrachloroethene	11.106	164	56869	50.179	ug/l	93
65) Chlorobenzene	11.894	112	195655	49.585	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	76352	52.163	ug/l	98
67) Ethyl Benzene	11.965	91	365627	51.504	ug/l	99
68) m/p-Xylenes	12.070	106	293447	103.019	ug/l	98
69) o-Xylene	12.400	106	143306	50.872	ug/l	99
70) Styrene	12.412	104	237700	52.920	ug/l	99
71) Bromoform	12.582	173	60315	55.037	ug/l #	96
73) Isopropylbenzene	12.700	105	376792	49.296	ug/l	100
74) N-amyl acetate	12.494	43	138322	48.929	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	120745	55.036	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	109931m	54.380	ug/l	
77) Bromobenzene	12.982	156	82891	49.252	ug/l	99
78) n-propylbenzene	13.035	91	433354	50.498	ug/l	99
79) 2-Chlorotoluene	13.129	91	262367	50.032	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	329476	51.321	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	44190	56.113	ug/l	84
82) 4-Chlorotoluene	13.129	91	262367	50.032	ug/l	98
83) tert-Butylbenzene	13.441	119	286052	50.145	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	337156	51.905	ug/l	100
85) sec-Butylbenzene	13.617	105	408129	51.143	ug/l	100
86) p-Isopropyltoluene	13.729	119	347530	52.731	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	167821	50.928	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	165991	50.898	ug/l	99
89) n-Butylbenzene	14.059	91	282408	53.212	ug/l	99
90) Hexachloroethane	14.335	117	61568	50.951	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	164600	50.244	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26737	51.858	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	73544	52.170	ug/l	99
94) Hexachlorobutadiene	15.500	225	33505	48.753	ug/l	98
95) Naphthalene	15.641	128	284926	52.558	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	71986	51.393	ug/l	100

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

