

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110222\
 Data File : VN075134.D
 Acq On : 02 Nov 2022 22:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 04:25:16 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	92651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	177692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	168967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	66669	53.405	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.820%			
35) Dibromofluoromethane	8.171	113	53850	51.623	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	10.571	98	212815	52.584	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.160%			
62) 4-Bromofluorobenzene	12.853	95	77460	54.485	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	50486	41.887	ug/l	92
3) Chloromethane	2.371	50	57148	44.639	ug/l	94
4) Vinyl Chloride	2.524	62	83959	45.971	ug/l	95
5) Bromomethane	2.918	94	74872	58.052	ug/l	97
6) Chloroethane	3.106	64	62222	47.511	ug/l	95
7) Trichlorofluoromethane	3.495	101	90148	48.319	ug/l	100
8) Diethyl Ether	3.971	74	33443	49.145	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	49458	48.001	ug/l	98
10) Methyl Iodide	4.595	142	72256	47.106	ug/l	98
11) Tert butyl alcohol	5.547	59	73890	253.810	ug/l	98
12) 1,1-Dichloroethene	4.342	96	46113	46.953	ug/l	95
13) Acrolein	4.189	56	53591	225.057	ug/l	97
14) Allyl chloride	5.036	41	69908	48.737	ug/l	98
15) Acrylonitrile	5.730	53	162783	264.698	ug/l	99
16) Acetone	4.442	43	136628	258.477	ug/l	93
17) Carbon Disulfide	4.718	76	111969	45.336	ug/l	97
18) Methyl Acetate	5.036	43	93860	54.361	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	187691	51.418	ug/l	98
20) Methylene Chloride	5.283	84	58352	49.511	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	52627	48.940	ug/l	96
22) Diisopropyl ether	6.683	45	161840	51.127	ug/l	96
23) Vinyl Acetate	6.612	43	591993	223.956	ug/l	99
24) 1,1-Dichloroethane	6.577	63	103182	51.539	ug/l	98
25) 2-Butanone	7.488	43	221981	266.992	ug/l	99
26) 2,2-Dichloropropane	7.494	77	75895	41.208	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	64516	50.239	ug/l	97
28) Bromochloromethane	7.818	49	42851	50.775	ug/l	98
29) Tetrahydrofuran	7.847	42	147523	274.588	ug/l	99
30) Chloroform	7.971	83	114053	52.471	ug/l	100
31) Cyclohexane	8.259	56	84814	45.681	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	101987	51.667	ug/l	98
36) 1,1-Dichloropropene	8.377	75	80342	49.748	ug/l	99
37) Ethyl Acetate	7.571	43	86975	49.108	ug/l	97
38) Carbon Tetrachloride	8.365	117	87941	49.503	ug/l	98
39) Methylcyclohexane	9.600	83	99342	46.595	ug/l	97
40) Benzene	8.612	78	249276	50.412	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	44629	52.595	ug/l	99
42) 1,2-Dichloroethane	8.677	62	88938	49.437	ug/l	99
43) Isopropyl Acetate	8.694	43	139612	50.819	ug/l	100
44) Trichloroethene	9.353	130	59844	48.239	ug/l	97
45) 1,2-Dichloropropane	9.624	63	61882	52.587	ug/l	96
46) Dibromomethane	9.712	93	45947	50.117	ug/l	98
47) Bromodichloromethane	9.888	83	89704	50.526	ug/l	94
48) Methyl methacrylate	9.682	41	63680	50.532	ug/l	96
49) 1,4-Dioxane	9.700	88	35918	1088.442	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	467612	263.772	ug/l	100
52) Toluene	10.635	92	167224	50.591	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	94539	50.449	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	97403	49.005	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	67453	51.466	ug/l	97
56) Ethyl methacrylate	10.876	69	101572	50.806	ug/l	99
57) 1,3-Dichloropropane	11.165	76	112162	51.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	202470	261.965	ug/l	98
59) 2-Hexanone	11.200	43	355826	264.459	ug/l	99
60) Dibromochloromethane	11.365	129	72794	52.643	ug/l	100
61) 1,2-Dibromoethane	11.471	107	70808	52.718	ug/l	99
64) Tetrachloroethene	11.106	164	50691	48.934	ug/l	93
65) Chlorobenzene	11.894	112	177936	49.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	67026	50.097	ug/l	100
67) Ethyl Benzene	11.965	91	325959	50.234	ug/l	100
68) m/p-Xylenes	12.076	106	262355	100.764	ug/l	98
69) o-Xylene	12.400	106	129060	50.123	ug/l	99
70) Styrene	12.412	104	210845	51.355	ug/l	99
71) Bromoform	12.576	173	50415	50.330	ug/l #	100
73) Isopropylbenzene	12.700	105	334496	47.622	ug/l	100
74) N-amyl acetate	12.494	43	123406	47.503	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	111792	55.480	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	84331m	45.396	ug/l	
77) Bromobenzene	12.982	156	72087	46.610	ug/l	98
78) n-propylbenzene	13.035	91	380856	48.295	ug/l	99
79) 2-Chlorotoluene	13.129	91	228575	47.432	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	290458	49.234	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	31620	43.693	ug/l	99
82) 4-Chlorotoluene	13.129	91	228575	47.432	ug/l	100
83) tert-Butylbenzene	13.441	119	252638	48.194	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	295417	49.491	ug/l	100
85) sec-Butylbenzene	13.617	105	362982	49.497	ug/l	99
86) p-Isopropyltoluene	13.729	119	301756	49.824	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	145548	48.065	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	143682	47.943	ug/l	99
89) n-Butylbenzene	14.059	91	244493	50.131	ug/l	98
90) Hexachloroethane	14.335	117	52505	47.283	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	145939	48.477	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23560	49.727	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	64687	49.934	ug/l	98
94) Hexachlorobutadiene	15.506	225	30351	48.059	ug/l	96
95) Naphthalene	15.641	128	253405	50.867	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	64921	50.437	ug/l	99

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

