

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076763.D
 Acq On : 22 Feb 2023 11:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 23:48:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.225	168	285309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	489930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	479155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	260348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	213094	54.089	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.180%			
35) Dibromofluoromethane	8.172	113	165940	51.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.440%			
50) Toluene-d8	10.566	98	667102	55.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.340%			
62) 4-Bromofluorobenzene	12.848	95	241589	60.876	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 121.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	152327	50.281	ug/l	93
3) Chloromethane	2.378	50	179534	45.423	ug/l	97
4) Vinyl Chloride	2.525	62	186124	47.847	ug/l	98
5) Bromomethane	2.949	94	123937	52.582	ug/l	99
6) Chloroethane	3.125	64	131814	53.618	ug/l	97
7) Trichlorofluoromethane	3.507	101	237579	44.887	ug/l	93
8) Diethyl Ether	3.972	74	105193	51.578	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	149536	48.083	ug/l	98
10) Methyl Iodide	4.595	142	202684	52.774	ug/l	97
11) Tert butyl alcohol	5.531	59	135741	261.027	ug/l #	87
12) 1,1-Dichloroethene	4.348	96	135888	46.143	ug/l	85
13) Acrolein	4.190	56	184209	235.947	ug/l	99
14) Allyl chloride	5.037	41	253771	49.733	ug/l	98
15) Acrylonitrile	5.731	53	490978	266.035	ug/l	99
16) Acetone	4.437	43	408709	232.245	ug/l	96
17) Carbon Disulfide	4.725	76	345679	44.458	ug/l	99
18) Methyl Acetate	5.037	43	308788	53.755	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	550211	55.417	ug/l	99
20) Methylene Chloride	5.284	84	179465	48.659	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	155943	47.042	ug/l	95
22) Diisopropyl ether	6.678	45	678577	56.699	ug/l	98
23) Vinyl Acetate	6.613	43	2215501	312.874	ug/l	99
24) 1,1-Dichloroethane	6.584	63	332085	50.629	ug/l	96
25) 2-Butanone	7.484	43	671673	258.748	ug/l	96
26) 2,2-Dichloropropane	7.495	77	257911	54.514	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	198745	50.547	ug/l	96
28) Bromochloromethane	7.819	49	169883	54.418	ug/l	90
29) Tetrahydrofuran	7.842	42	459086	270.686	ug/l	100
30) Chloroform	7.972	83	348916	53.241	ug/l	96
31) Cyclohexane	8.260	56	303105	49.046	ug/l	88
32) 1,1,1-Trichloroethane	8.172	97	285610	51.833	ug/l	97
36) 1,1-Dichloropropene	8.378	75	248162	53.533	ug/l	98
37) Ethyl Acetate	7.566	43	290344	59.529	ug/l #	97
38) Carbon Tetrachloride	8.366	117	246835	52.783	ug/l	97
39) Methylcyclohexane	9.601	83	296261	56.223	ug/l	95
40) Benzene	8.607	78	778629	54.695	ug/l	98

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Quant Title : SW846 8260

QLast Update : Tue Feb 14 01:44:47 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	166073	58.776	ug/l	99
42) 1,2-Dichloroethane	8.672	62	270185	54.418	ug/l	99
43) Isopropyl Acetate	8.689	43	464660	58.547	ug/l	99
44) Trichloroethene	9.354	130	177624	52.800	ug/l	98
45) 1,2-Dichloropropane	9.625	63	206614	54.827	ug/l	92
46) Dibromomethane	9.713	93	136968	56.851	ug/l	96
47) Bromodichloromethane	9.889	83	273702	56.664	ug/l #	96
48) Methyl methacrylate	9.683	41	221334	58.770	ug/l	97
49) 1,4-Dioxane	9.695	88	77156	1184.341	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	1485365	294.152	ug/l	99
52) Toluene	10.630	92	500982	58.289	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	289714	62.142	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	317191	58.983	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	199711	57.143	ug/l	95
56) Ethyl methacrylate	10.872	69	313315	63.690	ug/l	97
57) 1,3-Dichloropropane	11.166	76	347477	57.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	652326	289.542	ug/l	97
59) 2-Hexanone	11.195	43	1071772	294.365	ug/l	99
60) Dibromochloromethane	11.360	129	217905	59.159	ug/l	98
61) 1,2-Dibromoethane	11.472	107	197936	56.582	ug/l	99
64) Tetrachloroethene	11.107	164	150564	49.862	ug/l	97
65) Chlorobenzene	11.895	112	537880	52.969	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.960	131	198721	53.877	ug/l	98
67) Ethyl Benzene	11.966	91	975766	56.402	ug/l	99
68) m/p-Xylenes	12.071	106	770656	115.568	ug/l	98
69) o-Xylene	12.401	106	374771	57.625	ug/l	100
70) Styrene	12.413	104	632142	60.108	ug/l	100
71) Bromoform	12.583	173	155150	57.346	ug/l #	100
73) Isopropylbenzene	12.695	105	989410	51.849	ug/l	99
74) N-amyl acetate	12.495	43	429682	49.955	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	314618	45.548	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	255103m	48.466	ug/l	
77) Bromobenzene	12.983	156	227411	47.765	ug/l	98
78) n-propylbenzene	13.036	91	1191361	53.167	ug/l	99
79) 2-Chlorotoluene	13.130	91	687018	50.074	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	835069	52.951	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	92111	50.970	ug/l	90
82) 4-Chlorotoluene	13.130	91	687018	50.074	ug/l	100
83) tert-Butylbenzene	13.442	119	742212	52.024	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	848037	53.956	ug/l	99
85) sec-Butylbenzene	13.618	105	1097131	55.081	ug/l	99
86) p-Isopropyltoluene	13.730	119	899519	56.554	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	457474	50.831	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	459146	51.231	ug/l	98
89) n-Butylbenzene	14.060	91	785091	56.752	ug/l	99
90) Hexachloroethane	14.336	117	163621	49.131	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	460033	49.860	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	55563	41.520	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	243885	52.991	ug/l	99
94) Hexachlorobutadiene	15.507	225	110519	48.996	ug/l	98
95) Naphthalene	15.642	128	764320	54.726	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	239428	53.697	ug/l	100

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

