

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074796.D
 Acq On : 06 Oct 2022 20:17
 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 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 07 06:59:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	291029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	521164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	569503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	376422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	368560	53.448	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.900%			
35) Dibromofluoromethane	8.177	113	279828	53.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.280%			
50) Toluene-d8	10.571	98	1216059	53.822	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.640%			
62) 4-Bromofluorobenzene	12.853	95	387840	56.468	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	294402	49.327	ug/l	99
3) Chloromethane	2.383	50	395338	44.540	ug/l	100
4) Vinyl Chloride	2.530	62	571414	51.995	ug/l	95
5) Bromomethane	2.936	94	410586	52.983	ug/l	97
6) Chloroethane	3.118	64	420402	51.703	ug/l	99
7) Trichlorofluoromethane	3.500	101	401147	46.315	ug/l	96
8) Diethyl Ether	3.977	74	194407	43.026	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	244407	46.062	ug/l	99
10) Methyl Iodide	4.612	142	303603	47.317	ug/l	97
11) Tert butyl alcohol	5.547	59	502070	217.392	ug/l	99
12) 1,1-Dichloroethene	4.359	96	243507	43.112	ug/l	83
13) Acrolein	4.200	56	144898	271.431	ug/l	96
14) Allyl chloride	5.047	41	508262	43.784	ug/l	91
15) Acrylonitrile	5.741	53	1185222	235.291	ug/l	98
16) Acetone	4.453	43	926086	236.984	ug/l	98
17) Carbon Disulfide	4.724	76	668256	43.294	ug/l	96
18) Methyl Acetate	5.047	43	696865	48.166	ug/l	98
19) Methyl tert-butyl Ether	5.824	73	1056937	48.099	ug/l	95
20) Methylene Chloride	5.300	84	315356	50.754	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	273548	45.276	ug/l	98
22) Diisopropyl ether	6.694	45	1219932	49.479	ug/l	99
23) Vinyl Acetate	6.624	43	5248431	259.148	ug/l	98
24) 1,1-Dichloroethane	6.588	63	601353	47.307	ug/l	99
25) 2-Butanone	7.500	43	1715645	241.909	ug/l	97
26) 2,2-Dichloropropane	7.506	77	443102	42.263	ug/l	98
27) cis-1,2-Dichloroethene	7.506	96	344963	47.962	ug/l	98
28) Bromochloromethane	7.824	49	298575	52.058	ug/l	98
29) Tetrahydrofuran	7.853	42	1187852	240.316	ug/l	100
30) Chloroform	7.977	83	584456	50.198	ug/l	97
31) Cyclohexane	8.271	56	545746	45.790	ug/l	99
32) 1,1,1-Trichloroethane	8.182	97	488839	49.257	ug/l	98
36) 1,1-Dichloropropene	8.382	75	435349	51.080	ug/l	98
37) Ethyl Acetate	7.500	43	1715645	50.186	ug/l #	52
38) Carbon Tetrachloride	8.365	117	410198	51.036	ug/l	99
39) Methylcyclohexane	9.606	83	534850	48.442	ug/l	92
40) Benzene	8.612	78	1401633	50.800	ug/l	98

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41) Methacrylonitrile	7.794	41	344708	51.184	ug/l	97
42) 1,2-Dichloroethane	8.677	62	443188	51.172	ug/l	100
43) Isopropyl Acetate	8.700	43	1091482	51.665	ug/l	97
44) Trichloroethene	9.359	130	290009	50.467	ug/l	97
45) 1,2-Dichloropropane	9.629	63	371351	49.707	ug/l	97
46) Dibromomethane	9.712	93	231596	52.830	ug/l	94
47) Bromodichloromethane	9.894	83	464677	51.881	ug/l #	97
48) Methyl methacrylate	9.618	41	462779	53.356	ug/l #	99
49) 1,4-Dioxane	9.706	88	178417	949.108	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	3593937	264.176	ug/l	98
52) Toluene	10.635	92	891986	53.815	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	562271	52.688	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	573978	49.818	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	350700	52.621	ug/l	93
56) Ethyl methacrylate	10.876	69	636073	52.402	ug/l	98
57) 1,3-Dichloropropane	11.171	76	619770	51.596	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1100975	251.472	ug/l	99
59) 2-Hexanone	11.200	43	2745207	266.779	ug/l	98
60) Dibromochloromethane	11.365	129	355123	54.090	ug/l	98
61) 1,2-Dibromoethane	11.470	107	354811	52.356	ug/l	100
64) Tetrachloroethene	11.106	164	227819	49.277	ug/l	97
65) Chlorobenzene	11.894	112	877827	50.315	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	320840	50.363	ug/l	98
67) Ethyl Benzene	11.965	91	1691615	52.018	ug/l	97
68) m/p-Xylenes	12.076	106	1297505	106.286	ug/l	99
69) o-Xylene	12.400	106	655006	52.298	ug/l	98
70) Styrene	12.417	104	1076153	54.504	ug/l	99
71) Bromoform	12.582	173	257652	53.021	ug/l #	100
73) Isopropylbenzene	12.700	105	1694591	46.783	ug/l	99
74) N-amyl acetate	12.500	43	971182	44.344	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	626208	53.548	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	479645m	42.691	ug/l	
77) Bromobenzene	12.982	156	348490	53.773	ug/l	99
78) n-propylbenzene	13.041	91	1994821	47.802	ug/l	100
79) 2-Chlorotoluene	13.129	91	1175909	46.470	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1401656	48.519	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	229771	39.846	ug/l	100
82) 4-Chlorotoluene	13.223	91	1128820	48.129	ug/l	100
83) tert-Butylbenzene	13.441	119	1212949	48.588	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1434256	49.100	ug/l	98
85) sec-Butylbenzene	13.617	105	1814582	50.020	ug/l	99
86) p-Isopropyltoluene	13.735	119	1429689	51.069	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	684545	47.651	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	675782	49.803	ug/l	98
89) n-Butylbenzene	14.059	91	1270933	51.506	ug/l	97
90) Hexachloroethane	14.335	117	277043	44.260	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	685818	49.573	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	129504	43.134	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	309555	51.153	ug/l	99
94) Hexachlorobutadiene	15.506	225	134142	47.385	ug/l	98
95) Naphthalene	15.641	128	1413703	54.036	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	310667	51.980	ug/l	97

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

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