

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020323\
 Data File : VN076533.D
 Acq On : 03 Feb 2023 16:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 03 22:18:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	505461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	835693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	764385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	388027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	303411	53.610	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.220%			
35) Dibromofluoromethane	8.171	113	272541	52.135	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.260%			
50) Toluene-d8	10.565	98	1003496	51.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.847	95	389793	61.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 123.700%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	219649	42.405	ug/l	97
3) Chloromethane	2.377	50	240776	44.896	ug/l	96
4) Vinyl Chloride	2.530	62	230028	34.980	ug/l	99
5) Bromomethane	2.959	94	149064	27.680	ug/l	96
6) Chloroethane	3.130	64	140181	28.429	ug/l	99
7) Trichlorofluoromethane	3.512	101	452110	49.973	ug/l	99
8) Diethyl Ether	3.971	74	160893	53.022	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	257211	50.222	ug/l	98
10) Methyl Iodide	4.600	142	366758	46.882	ug/l	98
11) Tert butyl alcohol	5.536	59	196232	259.222	ug/l	99
12) 1,1-Dichloroethene	4.353	96	234078	48.349	ug/l	89
13) Acrolein	4.189	56	214740	237.202	ug/l	99
14) Allyl chloride	5.036	41	297729	52.771	ug/l	92
15) Acrylonitrile	5.730	53	535468	248.570	ug/l	99
16) Acetone	4.436	43	455215	250.906	ug/l	99
17) Carbon Disulfide	4.724	76	482056	39.989	ug/l	96
18) Methyl Acetate	5.036	43	304439	49.514	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	854002	54.184	ug/l	97
20) Methylene Chloride	5.289	84	271210	50.525	ug/l	99
21) trans-1,2-Dichloroethene	5.794	96	249235	47.520	ug/l	97
22) Diisopropyl ether	6.683	45	759361	57.073	ug/l	96
23) Vinyl Acetate	6.612	43	2343818	272.570	ug/l	100
24) 1,1-Dichloroethane	6.577	63	462735	52.175	ug/l	99
25) 2-Butanone	7.488	43	670405	241.940	ug/l	97
26) 2,2-Dichloropropane	7.494	77	413467	55.314	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	314137	51.353	ug/l	98
28) Bromochloromethane	7.818	49	189841	52.811	ug/l	98
29) Tetrahydrofuran	7.841	42	428427	250.514	ug/l	97
30) Chloroform	7.971	83	528767	53.882	ug/l	99
31) Cyclohexane	8.265	56	380271	43.739	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	478224	53.376	ug/l	96
36) 1,1-Dichloropropene	8.377	75	359982	48.461	ug/l	99
37) Ethyl Acetate	7.565	43	264817	44.450	ug/l	96
38) Carbon Tetrachloride	8.365	117	411833	49.716	ug/l	97
39) Methylcyclohexane	9.600	83	440545	48.565	ug/l	97
40) Benzene	8.612	78	1095334	49.313	ug/l	99

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41) Methacrylonitrile	7.783	41	150293	48.176	ug/l	96
42) 1,2-Dichloroethane	8.671	62	382564	50.339	ug/l	99
43) Isopropyl Acetate	8.688	43	475062	49.012	ug/l	99
44) Trichloroethene	9.353	130	300551	47.841	ug/l	99
45) 1,2-Dichloropropane	9.624	63	270633	50.890	ug/l	98
46) Dibromomethane	9.712	93	195720	48.745	ug/l	98
47) Bromodichloromethane	9.888	83	422848	54.299	ug/l	99
48) Methyl methacrylate	9.682	41	232120	50.585	ug/l	93
49) 1,4-Dioxane	9.700	88	95271	983.954	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	1403552	246.669	ug/l	98
52) Toluene	10.629	92	741050	49.890	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	425106	57.264	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	466287	54.596	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	295792	52.097	ug/l	96
56) Ethyl methacrylate	10.876	69	420992	57.434	ug/l #	93
57) 1,3-Dichloropropane	11.165	76	479504	51.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	586438	236.988	ug/l	99
59) 2-Hexanone	11.194	43	1000936	242.750	ug/l	97
60) Dibromochloromethane	11.359	129	334193	55.915	ug/l	99
61) 1,2-Dibromoethane	11.471	107	292284	51.574	ug/l	99
64) Tetrachloroethene	11.106	164	307630	44.627	ug/l	98
65) Chlorobenzene	11.894	112	797954	49.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	315827	52.534	ug/l	99
67) Ethyl Benzene	11.965	91	1465276	52.986	ug/l	100
68) m/p-Xylenes	12.071	106	1159878	104.597	ug/l	98
69) o-Xylene	12.400	106	572634	52.584	ug/l	95
70) Styrene	12.412	104	958974	55.152	ug/l	98
71) Bromoform	12.582	173	230952	53.195	ug/l #	100
73) Isopropylbenzene	12.694	105	1543444	51.417	ug/l	99
74) N-amyl acetate	12.494	43	427343	49.492	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	399248	46.266	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	357055m	50.521	ug/l	
77) Bromobenzene	12.982	156	350020	49.873	ug/l	95
78) n-propylbenzene	13.035	91	1770865	52.284	ug/l	99
79) 2-Chlorotoluene	13.123	91	1062162	51.105	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	1324693	52.676	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	119286	51.149	ug/l	98
82) 4-Chlorotoluene	13.123	91	1062162	51.105	ug/l	98
83) tert-Butylbenzene	13.441	119	1160281	51.876	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1330900	52.779	ug/l	100
85) sec-Butylbenzene	13.617	105	1676586	54.021	ug/l	99
86) p-Isopropyltoluene	13.729	119	1422457	55.737	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	677720	47.901	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	665528	49.450	ug/l	98
89) n-Butylbenzene	14.059	91	1168171	57.661	ug/l	99
90) Hexachloroethane	14.335	117	233486	53.008	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	648274	46.004	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	68366	45.577	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	316339	46.551	ug/l	97
94) Hexachlorobutadiene	15.500	225	173694	46.448	ug/l	98
95) Naphthalene	15.641	128	868122	43.315	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	302988	46.759	ug/l	99

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

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