

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073886.D
 Acq On : 15 Aug 2022 09:53
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 15 13:00:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 13:00:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/16/2022
 Supervised By : Mahesh Dadoda 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	663284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	973382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	824152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	382509	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.052	85	5588	0.869	ug/l #	70
3) Chloromethane	2.269	50	7301	0.787	ug/l	93
4) Vinyl Chloride	2.410	62	8608	0.765	ug/l	99
6) Chloroethane	2.969	64	6608	0.842	ug/l #	87
7) Trichlorofluoromethane	3.316	101	11160	0.962	ug/l	92
8) Diethyl Ether	3.769	74	4350	0.999	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.140	101	6707	1.045	ug/l	88
12) 1,1-Dichloroethene	4.122	96	6062	0.963	ug/l #	66
14) Allyl chloride	4.769	41	9145	0.909	ug/l #	45
15) Acrylonitrile	5.469	53	19694	4.084	ug/l	98
16) Acetone	4.222	43	18945	4.364	ug/l	98
17) Carbon Disulfide	4.457	76	14692	0.880	ug/l	98
18) Methyl Acetate	4.781	43	16132	1.494	ug/l	96
19) Methyl tert-butyl Ether	5.540	73	20828	0.969	ug/l	96
20) Methylene Chloride	5.016	84	8257	0.901	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	6491	0.953	ug/l #	83
22) Diisopropyl ether	6.404	45	18104	0.834	ug/l #	89
23) Vinyl Acetate	6.345	43	75431	4.145	ug/l	97
24) 1,1-Dichloroethane	6.298	63	11827	0.886	ug/l	97
25) 2-Butanone	7.263	43	27108	4.021	ug/l	97
26) 2,2-Dichloropropane	7.245	77	12207	1.188	ug/l	93
27) cis-1,2-Dichloroethene	7.245	96	8257	0.984	ug/l	97
28) Bromochloromethane	7.587	49	4643	0.828	ug/l #	84
29) Tetrahydrofuran	7.610	42	17211	4.037	ug/l	96
30) Chloroform	7.745	83	13535	0.973	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	11367	0.984	ug/l #	52
36) 1,1-Dichloropropene	8.145	75	9452	1.085	ug/l	98
37) Ethyl Acetate	7.334	43	11591	1.010	ug/l #	97
38) Carbon Tetrachloride	8.134	117	10739	1.214	ug/l #	94
39) Methylcyclohexane	9.386	83	11155	1.072	ug/l #	78
40) Benzene	8.386	78	29029	1.026	ug/l	100
41) Methacrylonitrile	7.557	41	5002	0.964	ug/l #	86
42) 1,2-Dichloroethane	8.463	62	9728	1.020	ug/l	99
43) Isopropyl Acetate	8.492	43	15313	0.988	ug/l	93
44) Trichloroethene	9.145	130	8257	1.151	ug/l	87
45) 1,2-Dichloropropane	9.422	63	6808	0.963	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.510	93	5371	1.094	ug/l	93
47) Bromodichloromethane	9.692	83	10090	1.071	ug/l #	94
48) Methyl methacrylate	9.498	41	6460	0.952	ug/l	91
49) 1,4-Dioxane	9.510	88	3645	19.063	ug/l	90
51) 4-Methyl-2-Pentanone	10.269	43	48982	4.407	ug/l	97
52) Toluene	10.445	92	22108	1.279	ug/l	95
53) t-1,3-Dichloropropene	10.657	75	9323	1.002	ug/l	91
54) cis-1,3-Dichloropropene	10.128	75	10990	1.048	ug/l #	87
55) 1,1,2-Trichloroethane	10.839	97	7128	0.989	ug/l	93
56) Ethyl methacrylate	10.698	69	8917	0.898	ug/l	92
57) 1,3-Dichloropropane	10.986	76	12001	0.982	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.975	63	17050	3.817	ug/l	96
59) 2-Hexanone	11.022	43	35348	4.198	ug/l	99
60) Dibromochloromethane	11.175	129	7619	1.063	ug/l	98
61) 1,2-Dibromoethane	11.286	107	7926	1.068	ug/l	99
64) Tetrachloroethene	10.916	164	8125	1.241	ug/l #	85
65) Chlorobenzene	11.710	112	19972	1.141	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.780	131	7239	1.153	ug/l #	59
67) Ethyl Benzene	11.780	91	32654	1.106	ug/l	95
68) m/p-Xylenes	11.892	106	27457	2.438	ug/l	92
69) o-Xylene	12.222	106	14189	1.292	ug/l	92
70) Styrene	12.233	104	20878	1.188	ug/l	98
71) Bromoform	12.398	173	6570	1.268	ug/l #	95
73) Isopropylbenzene	12.516	105	32746	1.169	ug/l	96
74) N-amyl acetate	12.327	43	13274	1.255	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.769	83	11509	1.065	ug/l	95
76) 1,2,3-Trichloropropane	12.821	75	8174m	0.941	ug/l	
77) Bromobenzene	12.798	156	9188	1.260	ug/l	87
78) n-propylbenzene	12.863	91	33109	1.051	ug/l	100
79) 2-Chlorotoluene	12.951	91	20984	1.067	ug/l	95
80) 1,3,5-Trimethylbenzene	12.998	105	24981	1.084	ug/l	99
82) 4-Chlorotoluene	13.045	91	19945	1.070	ug/l	96
83) tert-Butylbenzene	13.263	119	23182	1.136	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	24668	1.089	ug/l	97
85) sec-Butylbenzene	13.439	105	27686	0.981	ug/l	95
86) p-Isopropyltoluene	13.557	119	22695	1.021	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	14745	1.108	ug/l	93
88) 1,4-Dichlorobenzene	13.633	146	15944m	1.197	ug/l	
89) n-Butylbenzene	13.880	91	20629	1.140	ug/l	97
90) Hexachloroethane	14.145	117	4908	1.112	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	16017	1.188	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	2731	1.258	ug/l	95
93) 1,2,4-Trichlorobenzene	15.192	180	9062	1.353	ug/l	94
94) Hexachlorobutadiene	15.304	225	5081	1.395	ug/l	98
95) Naphthalene	15.433	128	28659	1.319	ug/l	98
96) 1,2,3-Trichlorobenzene	15.621	180	9417	1.336	ug/l	99

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

