

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042622\
 Data File : VN072199.D
 Acq On : 26 Apr 2022 15:13
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/27/2022
 Supervised By : Mahesh Dadoda 04/27/2022

Quant Time: Apr 26 16:53:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 16:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	274406	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	477301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	428901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	142785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	21109	6.374	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	12.740%	#	
35) Dibromofluoromethane	8.022	113	14516	5.119	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.240%	#	
50) Toluene-d8	10.439	98	54978	4.754	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.500%	#	
62) 4-Bromofluorobenzene	12.722	95	17326	4.611	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.220%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	19729	8.626	ug/l	98
3) Chloromethane	2.299	50	23142	8.053	ug/l	95
4) Vinyl Chloride	2.440	62	17138	5.761	ug/l	97
5) Bromomethane	2.828	94	10471	5.629	ug/l	87
6) Chloroethane	3.005	64	12019	5.632	ug/l	96
7) Trichlorofluoromethane	3.369	101	28115	7.018	ug/l	95
8) Diethyl Ether	3.834	74	10090	6.044	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.210	101	14895	6.177	ug/l	95
10) Methyl Iodide	4.422	142	17836	5.416	ug/l	91
11) Tert butyl alcohol	5.363	59	17832	33.518	ug/l	# 94
12) 1,1-Dichloroethene	4.187	96	13842	6.039	ug/l	93
13) Acrolein	4.040	56	18729	30.399	ug/l	95
14) Allyl chloride	4.834	41	27777	7.113	ug/l	# 90
15) Acrylonitrile	5.551	53	53323	34.285	ug/l	98
16) Acetone	4.287	43	44680	31.844	ug/l	96
17) Carbon Disulfide	4.534	76	38762	7.282	ug/l	97
18) Methyl Acetate	4.857	43	28400	6.642	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	50044	5.805	ug/l	97
20) Methylene Chloride	5.093	84	18170	6.327	ug/l	# 92
21) trans-1,2-Dichloroethene	5.593	96	15541	6.181	ug/l	96
22) Diisopropyl ether	6.493	45	56789	6.785	ug/l	95
23) Vinyl Acetate	6.428	43	231625	34.537	ug/l	# 93
24) 1,1-Dichloroethane	6.387	63	32352	6.658	ug/l	99
25) 2-Butanone	7.334	43	69376	33.778	ug/l	94
26) 2,2-Dichloropropane	7.322	77	24846	6.053	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	17961	5.852	ug/l	91
28) Bromochloromethane	7.651	49	13646	6.614	ug/l	# 81
29) Tetrahydrofuran	7.681	42	47974	36.040	ug/l	88
30) Chloroform	7.810	83	31057	6.140	ug/l	92
31) Cyclohexane	8.092	56	34281	7.736	ug/l	# 84
32) 1,1,1-Trichloroethane	8.010	97	26415	6.067	ug/l	94
36) 1,1-Dichloropropene	8.222	75	22132	5.579	ug/l	96
37) Ethyl Acetate	7.410	43	27972	6.277	ug/l	99
38) Carbon Tetrachloride	8.204	117	23720	6.071	ug/l	92
39) Methylcyclohexane	9.457	83	24791	5.314	ug/l	89
40) Benzene	8.457	78	72271	5.796	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	15630	6.999	ug/l #	82
42) 1,2-Dichloroethane	8.528	62	27533	6.268	ug/l	99
43) Isopropyl Acetate	8.557	43	45347	6.121	ug/l #	93
44) Trichloroethene	9.210	130	15803	5.037	ug/l	79
45) 1,2-Dichloropropane	9.486	63	18730	5.934	ug/l	98
46) Dibromomethane	9.569	93	12497	5.910	ug/l	88
47) Bromodichloromethane	9.757	83	23904	5.690	ug/l #	97
48) Methyl methacrylate	9.557	41	16993	5.447	ug/l	96
49) 1,4-Dioxane	9.563	88	6885	90.631	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	136476	31.712	ug/l	93
52) Toluene	10.504	92	41619	5.304	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	24204	5.516	ug/l	93
54) cis-1,3-Dichloropropene	10.181	75	25701	5.321	ug/l	95
55) 1,1,2-Trichloroethane	10.898	97	17679	5.483	ug/l	95
56) Ethyl methacrylate	10.757	69	23123	4.953	ug/l #	83
57) 1,3-Dichloropropane	11.039	76	30761	5.654	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	24563	22.735	ug/l	94
59) 2-Hexanone	11.081	43	93162	30.713	ug/l	91
60) Dibromochloromethane	11.233	129	17481	5.541	ug/l	93
61) 1,2-Dibromoethane	11.345	107	16858	5.321	ug/l	98
64) Tetrachloroethene	10.975	164	13350	4.824	ug/l	92
65) Chlorobenzene	11.763	112	42719	5.024	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	16639	5.378	ug/l	99
67) Ethyl Benzene	11.839	91	75286	5.183	ug/l	97
68) m/p-Xylenes	11.951	106	55055	9.941	ug/l	99
69) o-Xylene	12.280	106	25973	4.723	ug/l	91
70) Styrene	12.292	104	39026	4.685	ug/l	96
71) Bromoform	12.451	173	11803	5.081	ug/l #	100
73) Isopropylbenzene	12.575	105	64351	5.330	ug/l	96
74) N-amyl acetate	12.386	43	23112	6.430	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.822	83	25239	6.212	ug/l	96
76) 1,2,3-Trichloropropane	12.875	75	24215m	7.114	ug/l	
77) Bromobenzene	12.863	156	15342	5.158	ug/l	83
78) n-propylbenzene	12.916	91	69645	5.456	ug/l	96
79) 2-Chlorotoluene	13.004	91	47473	5.781	ug/l	91
80) 1,3,5-Trimethylbenzene	13.057	105	53305	5.532	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	6011	5.547	ug/l	86
82) 4-Chlorotoluene	13.098	91	42926	5.637	ug/l	97
83) tert-Butylbenzene	13.316	119	47738	5.468	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	52208	5.544	ug/l	93
85) sec-Butylbenzene	13.498	105	60288	5.319	ug/l	97
86) p-Isopropyltoluene	13.610	119	44943	4.983	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	24054	5.056	ug/l	96
88) 1,4-Dichlorobenzene	13.686	146	23265	5.014	ug/l	89
89) n-Butylbenzene	13.933	91	32454	4.812	ug/l	95
90) Hexachloroethane	14.204	117	10345	6.218	ug/l	86
91) 1,2-Dichlorobenzene	13.980	146	23002	4.914	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.592	75	4334	6.679	ug/l	71
93) 1,2,4-Trichlorobenzene	15.263	180	7245	3.985	ug/l	96
94) Hexachlorobutadiene	15.363	225	6708	4.953	ug/l	97
95) Naphthalene	15.498	128	18362	4.005	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	7248	4.281	ug/l	96

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

