

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071677.D
 Acq On : 30 Mar 2022 23:20
 Operator : JC\MD
 Sample : VN0330WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0330WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 31 01:39:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 19:18:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	570568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	909940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	818414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	311966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	354609	54.440	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.880%			
35) Dibromofluoromethane	8.016	113	288409	53.863	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.720%			
50) Toluene-d8	10.439	98	1170506	53.438	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.880%			
62) 4-Bromofluorobenzene	12.727	95	369390	52.144	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	89252	19.676	ug/l	98
3) Chloromethane	2.299	50	109816	19.105	ug/l	98
4) Vinyl Chloride	2.446	62	121454	19.241	ug/l	99
5) Bromomethane	2.852	94	81621	19.891	ug/l	96
6) Chloroethane	3.016	64	84169	18.535	ug/l	97
7) Trichlorofluoromethane	3.375	101	154061	19.183	ug/l	97
8) Diethyl Ether	3.822	74	66465	19.583	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	95072	19.210	ug/l	98
10) Methyl Iodide	4.428	142	134219	19.401	ug/l	100
11) Tert butyl alcohol	5.357	59	116544	110.252	ug/l #	85
12) 1,1-Dichloroethene	4.181	96	92734	19.691	ug/l	96
13) Acrolein	4.040	56	131850	102.298	ug/l	98
14) Allyl chloride	4.840	41	146784	19.203	ug/l	97
15) Acrylonitrile	5.546	53	330737	107.643	ug/l	99
16) Acetone	4.281	43	260049	93.418	ug/l	99
17) Carbon Disulfide	4.534	76	194649	18.014	ug/l	96
18) Methyl Acetate	4.851	43	145329	20.179	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	349177	19.958	ug/l	98
20) Methylene Chloride	5.098	84	113520	19.348	ug/l	96
21) trans-1,2-Dichloroethene	5.593	96	96294	18.626	ug/l	100
22) Diisopropyl ether	6.493	45	335018	20.132	ug/l	99
23) Vinyl Acetate	6.428	43	1403404	106.053	ug/l	98
24) 1,1-Dichloroethane	6.393	63	195514	20.014	ug/l	99
25) 2-Butanone	7.334	43	422200	105.206	ug/l	98
26) 2,2-Dichloropropane	7.328	77	150116	17.888	ug/l	100
27) cis-1,2-Dichloroethene	7.328	96	125840	19.849	ug/l	97
28) Bromochloromethane	7.657	49	78791	19.994	ug/l	100
29) Tetrahydrofuran	7.687	42	285953	110.045	ug/l	99
30) Chloroform	7.816	83	205573	19.929	ug/l	96
31) Cyclohexane	8.092	56	163331	18.438	ug/l #	91
32) 1,1,1-Trichloroethane	8.010	97	172591	19.558	ug/l	99
36) 1,1-Dichloropropene	8.222	75	139133	18.607	ug/l	100
37) Ethyl Acetate	7.410	43	173131	21.154	ug/l	100
38) Carbon Tetrachloride	8.204	117	138200	18.859	ug/l	94
39) Methylcyclohexane	9.457	83	165292	18.571	ug/l	99
40) Benzene	8.457	78	458000	19.390	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	87128	21.742	ug/l	90
42) 1,2-Dichloroethane	8.528	62	159534	19.525	ug/l	99
43) Isopropyl Acetate	8.557	43	259890	19.092	ug/l	100
44) Trichloroethene	9.216	130	116759	19.187	ug/l	100
45) 1,2-Dichloropropane	9.486	63	115086	19.503	ug/l	96
46) Dibromomethane	9.569	93	78849	19.680	ug/l	99
47) Bromodichloromethane	9.757	83	154749	19.622	ug/l	96
48) Methyl methacrylate	9.557	41	110965	19.648	ug/l	94
49) 1,4-Dioxane	9.563	88	56215	411.431	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	841868	107.565	ug/l	99
52) Toluene	10.498	92	296032	19.826	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	162145	19.617	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	178896	19.588	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	124594	20.275	ug/l	99
56) Ethyl methacrylate	10.757	69	180064	20.540	ug/l	98
57) 1,3-Dichloropropane	11.039	76	204737	19.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	202932	87.056	ug/l	99
59) 2-Hexanone	11.080	43	601561	109.170	ug/l	100
60) Dibromochloromethane	11.233	129	120729	20.149	ug/l	99
61) 1,2-Dibromoethane	11.339	107	121824	20.140	ug/l	98
64) Tetrachloroethene	10.975	164	102318	18.933	ug/l	97
65) Chlorobenzene	11.769	112	314505	19.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	117080	19.799	ug/l	99
67) Ethyl Benzene	11.839	91	543981	19.609	ug/l	99
68) m/p-Xylenes	11.951	106	418483	39.261	ug/l	99
69) o-Xylene	12.274	106	207695	19.631	ug/l	99
70) Styrene	12.292	104	321348	20.047	ug/l	99
71) Bromoform	12.457	173	90253	20.042	ug/l #	99
73) Isopropylbenzene	12.574	105	528499	20.104	ug/l	100
74) N-amyl acetate	12.380	43	157242	20.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	183020	20.866	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	137404m	19.013	ug/l	
77) Bromobenzene	12.857	156	128160	19.447	ug/l	100
78) n-propylbenzene	12.916	91	545911	19.741	ug/l	99
79) 2-Chlorotoluene	13.004	91	355575	20.050	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	421989	20.260	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	46245	19.830	ug/l	98
82) 4-Chlorotoluene	13.098	91	322281	19.606	ug/l	100
83) tert-Butylbenzene	13.321	119	380643	19.992	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	409940	20.172	ug/l	99
85) sec-Butylbenzene	13.498	105	498231	20.186	ug/l	99
86) p-Isopropyltoluene	13.610	119	393423	19.991	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	204659	19.493	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	197756	19.307	ug/l	99
89) n-Butylbenzene	13.939	91	273411	18.732	ug/l	99
90) Hexachloroethane	14.204	117	73513	20.406	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	202687	19.665	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	29631	21.779	ug/l	100
93) 1,2,4-Trichlorobenzene	15.257	180	83939	18.287	ug/l	99
94) Hexachlorobutadiene	15.363	225	55429	18.234	ug/l	98
95) Naphthalene	15.504	128	222917	18.301	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	85793	19.391	ug/l	99

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

