

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072154.D
 Acq On : 22 Apr 2022 14:10
 Operator : JC\MD
 Sample : VN0422WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 23 03:16:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	448380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	682206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	622993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	249235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	241526	47.184	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.360%			
35) Dibromofluoromethane	8.016	113	220568	54.944	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.880%			
50) Toluene-d8	10.439	98	838783	51.077	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.160%			
62) 4-Bromofluorobenzene	12.727	95	272587	51.324	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	85813	24.073	ug/l	97
3) Chloromethane	2.299	50	89556	19.826	ug/l	99
4) Vinyl Chloride	2.446	62	93325	18.814	ug/l	95
5) Bromomethane	2.851	94	68891	21.364	ug/l	94
6) Chloroethane	3.016	64	60502	16.954	ug/l	96
7) Trichlorofluoromethane	3.375	101	136254	21.590	ug/l	97
8) Diethyl Ether	3.822	74	56950	21.352	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	83491	21.468	ug/l	95
10) Methyl Iodide	4.422	142	114601	21.080	ug/l	99
11) Tert butyl alcohol	5.357	59	79359	95.533	ug/l	98
12) 1,1-Dichloroethene	4.187	96	80273	21.690	ug/l	89
13) Acrolein	4.040	56	22806	22.516	ug/l	99
14) Allyl chloride	4.845	41	111853	18.621	ug/l	93
15) Acrylonitrile	5.551	53	252394	104.530	ug/l	98
16) Acetone	4.281	43	183742	83.993	ug/l	93
17) Carbon Disulfide	4.534	76	182634	21.508	ug/l	98
18) Methyl Acetate	4.857	43	109942	19.368	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	283403	20.612	ug/l	98
20) Methylene Chloride	5.098	84	100240	21.740	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	87085	21.435	ug/l	93
22) Diisopropyl ether	6.492	45	259839	19.870	ug/l	95
23) Vinyl Acetate	6.428	43	1057598	101.700	ug/l	97
24) 1,1-Dichloroethane	6.386	63	162424	21.157	ug/l	98
25) 2-Butanone	7.328	43	296179	93.916	ug/l	92
26) 2,2-Dichloropropane	7.322	77	132584	20.104	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	105162	21.108	ug/l	95
28) Bromochloromethane	7.657	49	64787	20.920	ug/l	90
29) Tetrahydrofuran	7.686	42	200721	98.294	ug/l	93
30) Chloroform	7.816	83	170480	21.031	ug/l	98
31) Cyclohexane	8.092	56	139210	19.998	ug/l #	95
32) 1,1,1-Trichloroethane	8.016	97	146692	21.153	ug/l	97
36) 1,1-Dichloropropene	8.216	75	119756	21.362	ug/l	98
37) Ethyl Acetate	7.410	43	123721	20.163	ug/l	98
38) Carbon Tetrachloride	8.204	117	123803	22.534	ug/l	99
39) Methylcyclohexane	9.457	83	144695	21.683	ug/l	97
40) Benzene	8.457	78	397379	22.439	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	61809	20.573	ug/l	94
42) 1,2-Dichloroethane	8.528	62	123570	20.172	ug/l	95
43) Isopropyl Acetate	8.557	43	188977	18.516	ug/l	95
44) Trichloroethene	9.216	130	100592	22.048	ug/l	97
45) 1,2-Dichloropropane	9.486	63	97949	22.140	ug/l	100
46) Dibromomethane	9.575	93	65172	21.697	ug/l	93
47) Bromodichloromethane	9.757	83	131230	22.194	ug/l	100
48) Methyl methacrylate	9.557	41	85421	20.174	ug/l	90
49) 1,4-Dioxane	9.569	88	41308	402.974	ug/l	96
51) 4-Methyl-2-Pentanone	10.327	43	603927	102.922	ug/l	95
52) Toluene	10.504	92	257183	22.974	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	132114	21.319	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	151760	22.164	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	104710	22.728	ug/l	96
56) Ethyl methacrylate	10.757	69	146056	22.223	ug/l	93
57) 1,3-Dichloropropane	11.039	76	170113	22.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	156654	89.134	ug/l	98
59) 2-Hexanone	11.080	43	424152	102.669	ug/l	93
60) Dibromochloromethane	11.233	129	105882	23.570	ug/l	99
61) 1,2-Dibromoethane	11.345	107	102888	22.687	ug/l	99
64) Tetrachloroethene	10.974	164	91122	22.150	ug/l	97
65) Chlorobenzene	11.769	112	270990	21.723	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	100596	22.348	ug/l	99
67) Ethyl Benzene	11.839	91	454327	21.514	ug/l	98
68) m/p-Xylenes	11.951	106	360496	44.429	ug/l	98
69) o-Xylene	12.274	106	179993	22.349	ug/l	96
70) Styrene	12.292	104	277369	22.731	ug/l	99
71) Bromoform	12.457	173	81717	23.839	ug/l #	99
73) Isopropylbenzene	12.574	105	446372	21.253	ug/l	99
74) N-amyl acetate	12.386	43	112635	18.718	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	154894	22.104	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	124559m	21.573	ug/l	
77) Bromobenzene	12.857	156	110891	21.062	ug/l	94
78) n-propylbenzene	12.915	91	467295	21.152	ug/l	99
79) 2-Chlorotoluene	13.004	91	302345	21.340	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	371056	22.298	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	36872	19.791	ug/l	95
82) 4-Chlorotoluene	13.098	91	275115	20.949	ug/l	100
83) tert-Butylbenzene	13.315	119	334042	21.960	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	359485	22.141	ug/l	99
85) sec-Butylbenzene	13.498	105	423562	21.480	ug/l	99
86) p-Isopropyltoluene	13.610	119	346150	22.016	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	175685	20.945	ug/l	100
88) 1,4-Dichlorobenzene	13.686	146	169634	20.730	ug/l	99
89) n-Butylbenzene	13.939	91	226401	19.415	ug/l	99
90) Hexachloroethane	14.204	117	63408	22.032	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	178730	21.705	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.604	75	22782	20.959	ug/l	94
93) 1,2,4-Trichlorobenzene	15.257	180	72398	19.576	ug/l	97
94) Hexachlorobutadiene	15.362	225	49661	20.448	ug/l	99
95) Naphthalene	15.504	128	172402	17.838	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	72340	20.332	ug/l	98

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

