

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071917.D
 Acq On : 08 Apr 2022 16:09
 Operator : JC\MD
 Sample : VN0408WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBS02

Quant Time: Apr 09 05:05:44 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	521598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	784581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	716957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	280517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	280002	47.022	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.040%		
35) Dibromofluoromethane	8.016	113	245549	53.186	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.380%		
50) Toluene-d8	10.439	98	992553	52.554	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.100%		
62) 4-Bromofluorobenzene	12.727	95	314438	51.479	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	67121	16.186	ug/l	97
3) Chloromethane	2.299	50	80441	15.309	ug/l	99
4) Vinyl Chloride	2.446	62	84874	14.708	ug/l #	69
5) Bromomethane	2.846	94	46403	12.370	ug/l	98
6) Chloroethane	3.016	64	74488m	17.943	ug/l	
7) Trichlorofluoromethane	3.375	101	125679	17.119	ug/l	100
8) Diethyl Ether	3.822	74	57476	18.524	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	83581	18.474	ug/l	98
10) Methyl Iodide	4.422	142	70977	11.223	ug/l	97
11) Tert butyl alcohol	5.363	59	80986	83.807	ug/l	99
12) 1,1-Dichloroethene	4.187	96	73625	17.101	ug/l	92
13) Acrolein	4.040	56	95370	80.941	ug/l	98
14) Allyl chloride	4.840	41	117580	16.826	ug/l	94
15) Acrylonitrile	5.551	53	276558	98.460	ug/l	98
16) Acetone	4.281	43	207760	81.641	ug/l	93
17) Carbon Disulfide	4.534	76	144958	14.675	ug/l	99
18) Methyl Acetate	4.857	43	115578	17.352	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	301609	18.857	ug/l	99
20) Methylene Chloride	5.099	84	96050	17.907	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	78644	16.640	ug/l	97
22) Diisopropyl ether	6.487	45	287193	18.879	ug/l	100
23) Vinyl Acetate	6.428	43	1146120	94.742	ug/l	100
24) 1,1-Dichloroethane	6.387	63	165994	18.587	ug/l	98
25) 2-Butanone	7.334	43	332803	90.715	ug/l	99
26) 2,2-Dichloropropane	7.322	77	133623	17.417	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	107308	18.515	ug/l	95
28) Bromochloromethane	7.651	49	70774	19.646	ug/l	97
29) Tetrahydrofuran	7.681	42	222849	93.812	ug/l	98
30) Chloroform	7.816	83	174547	18.510	ug/l	99
31) Cyclohexane	8.092	56	131873	16.285	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	143751	17.819	ug/l	98
36) 1,1-Dichloropropene	8.222	75	116774	18.112	ug/l	99
37) Ethyl Acetate	7.410	43	136852	19.393	ug/l	99
38) Carbon Tetrachloride	8.204	117	119977	18.988	ug/l	98
39) Methylcyclohexane	9.457	83	135492	17.655	ug/l	96
40) Benzene	8.457	78	384263	18.867	ug/l	98

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41) Methacrylonitrile	7.634	41	69004	19.971	ug/l	95
42) 1,2-Dichloroethane	8.522	62	131218	18.625	ug/l	97
43) Isopropyl Acetate	8.557	43	205968	17.548	ug/l	96
44) Trichloroethene	9.216	130	103368	19.700	ug/l	96
45) 1,2-Dichloropropane	9.486	63	101875	20.023	ug/l	98
46) Dibromomethane	9.575	93	67755	19.614	ug/l	98
47) Bromodichloromethane	9.757	83	136487	20.071	ug/l	99
48) Methyl methacrylate	9.557	41	93967	19.297	ug/l	93
49) 1,4-Dioxane	9.563	88	43040	363.767	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	696408	103.197	ug/l	98
52) Toluene	10.498	92	256989	19.962	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	138965	19.499	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	156320	19.851	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	108635	20.503	ug/l	97
56) Ethyl methacrylate	10.757	69	152646	20.195	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	180522	20.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	191270	93.583	ug/l	100
59) 2-Hexanone	11.080	43	479315	100.883	ug/l	97
60) Dibromochloromethane	11.233	129	109325	21.161	ug/l	99
61) 1,2-Dibromoethane	11.339	107	105829	20.291	ug/l	99
64) Tetrachloroethene	10.975	164	93153	19.676	ug/l	98
65) Chlorobenzene	11.769	112	277735	19.346	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	102811	19.846	ug/l	99
67) Ethyl Benzene	11.839	91	466718	19.204	ug/l	97
68) m/p-Xylenes	11.951	106	360212	38.576	ug/l	99
69) o-Xylene	12.275	106	178261	19.233	ug/l	99
70) Styrene	12.292	104	284080	20.230	ug/l	98
71) Bromoform	12.451	173	82121	20.817	ug/l #	100
73) Isopropylbenzene	12.575	105	465535	19.694	ug/l	99
74) N-amyl acetate	12.386	43	129439	19.111	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.822	83	161034	20.417	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	117306m	18.052	ug/l	
77) Bromobenzene	12.857	156	112285	18.949	ug/l	98
78) n-propylbenzene	12.916	91	490363	19.721	ug/l	99
79) 2-Chlorotoluene	13.004	91	313298	19.647	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	387156	20.671	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	33117	15.793	ug/l	97
82) 4-Chlorotoluene	13.098	91	288718	19.533	ug/l	99
83) tert-Butylbenzene	13.322	119	342295	19.994	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	380031	20.796	ug/l	99
85) sec-Butylbenzene	13.498	105	454126	20.462	ug/l	100
86) p-Isopropyltoluene	13.610	119	369785	20.897	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	186004	19.703	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	180121	19.557	ug/l	99
89) n-Butylbenzene	13.939	91	256391	19.535	ug/l	99
90) Hexachloroethane	14.204	117	58484	18.055	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	184419	19.898	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	24743	20.225	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	82340	19.760	ug/l	100
94) Hexachlorobutadiene	15.368	225	53383	19.529	ug/l	98
95) Naphthalene	15.504	128	205572	18.672	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	81751	20.405	ug/l	100

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

