

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
 Data File : VN071281.D
 Acq On : 14 Mar 2022 21:15
 Operator : JC\MD
 Sample : VN0314WBS08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS08

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 15 04:03:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	627671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1040945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	929641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	366572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	438074	50.924	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.840%			
35) Dibromofluoromethane	8.016	113	328394	49.994	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.980%			
50) Toluene-d8	10.439	98	1311220	49.578	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.160%			
62) 4-Bromofluorobenzene	12.727	95	431174	48.145	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	103809	15.090	ug/l	99
3) Chloromethane	2.299	50	147759	15.976	ug/l	100
4) Vinyl Chloride	2.440	62	133236	15.804	ug/l	95
5) Bromomethane	2.840	94	75199	15.901	ug/l	95
6) Chloroethane	3.010	64	84294	16.511	ug/l	100
7) Trichlorofluoromethane	3.369	101	175761	15.840	ug/l	94
8) Diethyl Ether	3.828	74	75911	15.987	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	100600	15.661	ug/l	94
10) Methyl Iodide	4.422	142	130242	14.355	ug/l	99
11) Tert butyl alcohol	5.363	59	145593	86.154	ug/l	98
12) 1,1-Dichloroethene	4.181	96	98816	15.704	ug/l	98
13) Acrolein	4.034	56	80725	45.131	ug/l	99
14) Allyl chloride	4.846	41	212708	15.542	ug/l #	86
15) Acrylonitrile	5.551	53	415748	82.853	ug/l	99
16) Acetone	4.281	43	351157	83.895	ug/l	98
17) Carbon Disulfide	4.528	76	250160	13.964	ug/l	100
18) Methyl Acetate	4.851	43	231179	20.842	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	393616	16.660	ug/l	97
20) Methylene Chloride	5.093	84	127188	16.881	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	107531	15.623	ug/l	95
22) Diisopropyl ether	6.492	45	450722	16.716	ug/l #	89
23) Vinyl Acetate	6.428	43	1917268	83.993	ug/l	99
24) 1,1-Dichloroethane	6.387	63	226014	15.863	ug/l	99
25) 2-Butanone	7.328	43	579652	85.968	ug/l	95
26) 2,2-Dichloropropane	7.316	77	179920	16.369	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	131750	16.128	ug/l	91
28) Bromochloromethane	7.657	49	97064	15.298	ug/l	83
29) Tetrahydrofuran	7.681	42	397042	84.999	ug/l	91
30) Chloroform	7.816	83	225101	16.565	ug/l	100
31) Cyclohexane	8.092	56	213801	15.563	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	192422	16.623	ug/l	97
36) 1,1-Dichloropropene	8.222	75	160991	15.297	ug/l	96
37) Ethyl Acetate	7.404	43	231973	16.015	ug/l	99
38) Carbon Tetrachloride	8.204	117	162824	15.995	ug/l	98
39) Methylcyclohexane	9.457	83	189418	15.299	ug/l	93
40) Benzene	8.457	78	511997	16.146	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	121035	17.075	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	184508	16.721	ug/l	100
43) Isopropyl Acetate	8.557	43	459319	21.206	ug/l #	87
44) Trichloroethene	9.210	130	119584	15.983	ug/l	99
45) 1,2-Dichloropropane	9.486	63	137306	16.130	ug/l	100
46) Dibromomethane	9.575	93	84332	16.096	ug/l	97
47) Bromodichloromethane	9.757	83	171532	16.201	ug/l	99
48) Methyl methacrylate	9.557	41	162392	16.178	ug/l #	85
49) 1,4-Dioxane	9.563	88	60223	345.164	ug/l	90
51) 4-Methyl-2-Pentanone	10.328	43	1128612	83.959	ug/l	99
52) Toluene	10.504	92	318817	16.328	ug/l	95
53) t-1,3-Dichloropropene	10.710	75	187961	16.104	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	204250	16.016	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	126348	16.148	ug/l	99
56) Ethyl methacrylate	10.757	69	208501	16.318	ug/l	91
57) 1,3-Dichloropropane	11.039	76	225040	16.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	302713	128.059	ug/l	94
59) 2-Hexanone	11.080	43	819965	89.400	ug/l	100
60) Dibromochloromethane	11.233	129	127729	16.430	ug/l	97
61) 1,2-Dibromoethane	11.339	107	128036	16.011	ug/l	98
64) Tetrachloroethene	10.975	164	103720	15.997	ug/l	95
65) Chlorobenzene	11.769	112	320202	16.038	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	122001	16.666	ug/l	100
67) Ethyl Benzene	11.839	91	579992	16.430	ug/l	96
68) m/p-Xylenes	11.951	106	434984	33.684	ug/l	97
69) o-Xylene	12.274	106	218750	16.899	ug/l	98
70) Styrene	12.292	104	345481	17.242	ug/l	98
71) Bromoform	12.457	173	96213	17.307	ug/l #	98
73) Isopropylbenzene	12.574	105	557368	15.773	ug/l	99
74) N-amyl acetate	12.380	43	224838	16.922	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	200093	17.383	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	180093m	18.492	ug/l	
77) Bromobenzene	12.857	156	131661	15.978	ug/l	81
78) n-propylbenzene	12.916	91	601194	15.855	ug/l	98
79) 2-Chlorotoluene	13.004	91	384522	15.797	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	450948	16.403	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	57539	16.968	ug/l	96
82) 4-Chlorotoluene	13.098	91	357252	16.477	ug/l	94
83) tert-Butylbenzene	13.316	119	403602	16.450	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	441636	16.771	ug/l	99
85) sec-Butylbenzene	13.498	105	524674	16.089	ug/l	100
86) p-Isopropyltoluene	13.610	119	425405	16.587	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	213691	15.961	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	207593	15.862	ug/l	97
89) n-Butylbenzene	13.939	91	308387	15.374	ug/l	97
90) Hexachloroethane	14.204	117	80148	15.715	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	211473	16.429	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	35384	17.210	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	85768	16.412	ug/l	99
94) Hexachlorobutadiene	15.362	225	56265	15.571	ug/l	97
95) Naphthalene	15.504	128	240521	17.930	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	87964	17.181	ug/l	99

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

