

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071189.D
 Acq On : 08 Mar 2022 14:41
 Operator : JC\MD
 Sample : VN0308WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Quant Time: Mar 09 04:02:03 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	8.080	168	689245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1139797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1025011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	392521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	445123	47.121	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.240%		
35) Dibromofluoromethane	8.022	113	335210	46.605	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.220%		
50) Toluene-d8	10.439	98	1359959	46.961	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.920%		
62) 4-Bromofluorobenzene	12.727	95	449451	45.833	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	126571	16.756	ug/l	100
3) Chloromethane	2.304	50	176179	17.350	ug/l	99
4) Vinyl Chloride	2.446	62	160370	17.323	ug/l	97
5) Bromomethane	2.851	94	93362	18.864	ug/l	95
6) Chloroethane	3.016	64	97517	17.394	ug/l	96
7) Trichlorofluoromethane	3.375	101	210242	17.255	ug/l	98
8) Diethyl Ether	3.828	74	92046	17.653	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.216	101	120803	17.126	ug/l	96
10) Methyl Iodide	4.422	142	169475	17.011	ug/l	98
11) Tert butyl alcohol	5.363	59	160723	86.610	ug/l	98
12) 1,1-Dichloroethene	4.187	96	118291	17.119	ug/l	92
13) Acrolein	4.045	56	148034	75.367	ug/l	99
14) Allyl chloride	4.839	41	255026	16.969	ug/l	87
15) Acrylonitrile	5.551	53	473476	85.928	ug/l	98
16) Acetone	4.281	43	406691	88.482	ug/l	100
17) Carbon Disulfide	4.534	76	320943	16.315	ug/l	100
18) Methyl Acetate	4.851	43	219869	18.114	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	465034	17.925	ug/l	95
20) Methylene Chloride	5.098	84	149397	18.030	ug/l	92
21) trans-1,2-Dichloroethene	5.604	96	129712	17.162	ug/l	94
22) Diisopropyl ether	6.486	45	529639	17.888	ug/l #	96
23) Vinyl Acetate	6.433	43	2237893	89.280	ug/l	98
24) 1,1-Dichloroethane	6.386	63	276825	17.694	ug/l	100
25) 2-Butanone	7.328	43	653244	88.227	ug/l	96
26) 2,2-Dichloropropane	7.322	77	217318	18.005	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	156733	17.472	ug/l	90
28) Bromochloromethane	7.657	49	122994	17.653	ug/l	82
29) Tetrahydrofuran	7.680	42	457411	89.175	ug/l	92
30) Chloroform	7.816	83	262459	17.589	ug/l	100
31) Cyclohexane	8.092	56	265683	17.612	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	226231	17.798	ug/l	98
36) 1,1-Dichloropropene	8.222	75	198428	17.219	ug/l	96
37) Ethyl Acetate	7.410	43	279181	17.603	ug/l	98
38) Carbon Tetrachloride	8.204	117	187876	16.855	ug/l	99
39) Methylcyclohexane	9.457	83	232760	17.169	ug/l	93
40) Benzene	8.457	78	605507	17.439	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	134535	17.334	ug/l	90
42) 1,2-Dichloroethane	8.527	62	214878	17.784	ug/l	98
43) Isopropyl Acetate	8.557	43	395511	16.676	ug/l	98
44) Trichloroethene	9.216	130	144742	17.668	ug/l	99
45) 1,2-Dichloropropane	9.486	63	161380	17.314	ug/l	100
46) Dibromomethane	9.574	93	99334	17.315	ug/l	98
47) Bromodichloromethane	9.757	83	200290	17.276	ug/l	97
48) Methyl methacrylate	9.557	41	185836	16.908	ug/l #	83
49) 1,4-Dioxane	9.563	88	65654	343.657	ug/l #	84
51) 4-Methyl-2-Pentanone	10.327	43	1278651	86.871	ug/l	99
52) Toluene	10.498	92	379656	17.757	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	220426	17.248	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	243359	17.428	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	148117	17.288	ug/l	96
56) Ethyl methacrylate	10.757	69	243294	17.389	ug/l	92
57) 1,3-Dichloropropane	11.039	76	263313	17.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	158334	75.726	ug/l	95
59) 2-Hexanone	11.080	43	890555	88.676	ug/l	100
60) Dibromochloromethane	11.233	129	145382	17.079	ug/l	100
61) 1,2-Dibromoethane	11.339	107	152399	17.405	ug/l	96
64) Tetrachloroethene	10.974	164	129912	18.173	ug/l	97
65) Chlorobenzene	11.768	112	382473	17.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	143543	17.784	ug/l	100
67) Ethyl Benzene	11.839	91	701720	18.029	ug/l	99
68) m/p-Xylenes	11.951	106	525687	36.920	ug/l	97
69) o-Xylene	12.274	106	262800	18.413	ug/l	99
70) Styrene	12.292	104	401521	18.174	ug/l	97
71) Bromoform	12.451	173	107498	17.537	ug/l #	100
73) Isopropylbenzene	12.574	105	665765	17.595	ug/l	99
74) N-amyl acetate	12.386	43	227332	15.979	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	223703	18.269	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	179337m	16.988	ug/l	
77) Bromobenzene	12.857	156	150712	17.081	ug/l	82
78) n-propylbenzene	12.915	91	731625	18.019	ug/l	97
79) 2-Chlorotoluene	13.004	91	458080	17.575	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	560918	19.054	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	59511	16.389	ug/l	93
82) 4-Chlorotoluene	13.104	91	416204	17.927	ug/l	94
83) tert-Butylbenzene	13.315	119	478604	18.218	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	559363	19.837	ug/l	99
85) sec-Butylbenzene	13.498	105	627878	17.981	ug/l	99
86) p-Isopropyltoluene	13.609	119	495363	18.038	ug/l	99
87) 1,3-Dichlorobenzene	13.609	146	247582	17.269	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	235823	16.828	ug/l	96
89) n-Butylbenzene	13.939	91	368481	17.155	ug/l	97
90) Hexachloroethane	14.204	117	94862	17.370	ug/l	86
91) 1,2-Dichlorobenzene	13.986	146	237825	17.255	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37326	16.954	ug/l	84
93) 1,2,4-Trichlorobenzene	15.256	180	101944	17.889	ug/l	99
94) Hexachlorobutadiene	15.362	225	67837	17.532	ug/l	98
95) Naphthalene	15.503	128	306440	20.372	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	93932	17.142	ug/l	97

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

