

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071707.D
 Acq On : 31 Mar 2022 16:25
 Operator : JC\MD
 Sample : VN0331WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS02

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 01:37:15 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	8.087	168	530661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	855522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	777536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	277521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	343106	56.636	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.280%			
35) Dibromofluoromethane	8.022	113	281975	56.011	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.020%			
50) Toluene-d8	10.439	98	1163262	56.486	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.980%			
62) 4-Bromofluorobenzene	12.727	95	355069	53.310	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	88959	21.086	ug/l	100
3) Chloromethane	2.299	50	108680	20.329	ug/l	97
4) Vinyl Chloride	2.446	62	121297	20.661	ug/l	98
5) Bromomethane	2.840	94	77588	20.330	ug/l	96
6) Chloroethane	3.005	64	80467	19.053	ug/l	97
7) Trichlorofluoromethane	3.369	101	154397	20.671	ug/l	98
8) Diethyl Ether	3.828	74	66312	21.007	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.216	101	95045	20.649	ug/l	98
10) Methyl Iodide	4.422	142	132891	20.654	ug/l	99
11) Tert butyl alcohol	5.363	59	113077	115.017	ug/l	99
12) 1,1-Dichloroethene	4.187	96	90470	20.655	ug/l	90
13) Acrolein	4.046	56	122843	102.477	ug/l	99
14) Allyl chloride	4.840	41	148801	20.931	ug/l	96
15) Acrylonitrile	5.551	53	332645	116.406	ug/l	100
16) Acetone	4.287	43	251504	97.143	ug/l	95
17) Carbon Disulfide	4.534	76	191333	19.038	ug/l	100
18) Methyl Acetate	4.857	43	144496	21.680	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	348407	21.411	ug/l	98
20) Methylene Chloride	5.093	84	116411	21.332	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	97711	20.321	ug/l	99
22) Diisopropyl ether	6.498	45	338633	21.880	ug/l	96
23) Vinyl Acetate	6.434	43	1403153	114.008	ug/l	100
24) 1,1-Dichloroethane	6.387	63	193892	21.340	ug/l	98
25) 2-Butanone	7.334	43	413916	110.898	ug/l	99
26) 2,2-Dichloropropane	7.322	77	154196	19.756	ug/l	98
27) cis-1,2-Dichloroethene	7.328	96	126053	21.378	ug/l	98
28) Bromochloromethane	7.657	49	75500	20.600	ug/l	98
29) Tetrahydrofuran	7.687	42	281100	116.312	ug/l	99
30) Chloroform	7.816	83	204559	21.322	ug/l	99
31) Cyclohexane	8.092	56	166344	20.191	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	172211	20.983	ug/l	100
36) 1,1-Dichloropropene	8.222	75	140109	19.930	ug/l	100
37) Ethyl Acetate	7.410	43	170427	22.148	ug/l	100
38) Carbon Tetrachloride	8.204	117	142941	20.746	ug/l	99
39) Methylcyclohexane	9.457	83	166025	19.839	ug/l	99
40) Benzene	8.457	78	463652	20.878	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	84054	22.309	ug/l	94
42) 1,2-Dichloroethane	8.528	62	161503	21.023	ug/l	98
43) Isopropyl Acetate	8.557	43	258185	20.173	ug/l	99
44) Trichloroethene	9.216	130	117435	20.526	ug/l	99
45) 1,2-Dichloropropane	9.486	63	118243	21.313	ug/l	93
46) Dibromomethane	9.575	93	78709	20.895	ug/l	98
47) Bromodichloromethane	9.763	83	157806	21.282	ug/l	99
48) Methyl methacrylate	9.557	41	111168	20.936	ug/l	93
49) 1,4-Dioxane	9.563	88	54305	423.118	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	840748	114.255	ug/l	99
52) Toluene	10.504	92	298587	21.270	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	165799	21.335	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	180448	21.015	ug/l	98
55) 1,1,2-Trichloroethane	10.898	97	123418	21.362	ug/l	98
56) Ethyl methacrylate	10.757	69	182787	22.177	ug/l	96
57) 1,3-Dichloropropane	11.039	76	207291	21.459	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	194650	88.472	ug/l	98
59) 2-Hexanone	11.080	43	594849	114.818	ug/l	99
60) Dibromochloromethane	11.233	129	124995	22.188	ug/l	98
61) 1,2-Dibromoethane	11.339	107	123513	21.718	ug/l	99
64) Tetrachloroethene	10.975	164	102067	19.879	ug/l	99
65) Chlorobenzene	11.769	112	322611	20.721	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	117852	20.978	ug/l	98
67) Ethyl Benzene	11.839	91	552802	20.974	ug/l	100
68) m/p-Xylenes	11.951	106	421889	41.661	ug/l	99
69) o-Xylene	12.275	106	208821	20.775	ug/l	99
70) Styrene	12.292	104	322309	21.164	ug/l	100
71) Bromoform	12.457	173	94238	22.027	ug/l #	98
73) Isopropylbenzene	12.574	105	533511	22.813	ug/l	100
74) N-amyl acetate	12.386	43	155297	23.177	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.822	83	182731	23.418	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	141829m	22.061	ug/l	
77) Bromobenzene	12.857	156	126536	21.584	ug/l	99
78) n-propylbenzene	12.916	91	555519	22.582	ug/l	100
79) 2-Chlorotoluene	13.004	91	353651	22.417	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	431337	23.279	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	47349	22.824	ug/l	98
82) 4-Chlorotoluene	13.104	91	311233	21.283	ug/l	99
83) tert-Butylbenzene	13.321	119	380761	22.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	414659	22.936	ug/l	99
85) sec-Butylbenzene	13.498	105	495033	22.546	ug/l	100
86) p-Isopropyltoluene	13.610	119	397073	22.681	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	199126	21.320	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	188742	20.714	ug/l	98
89) n-Butylbenzene	13.939	91	269700	20.771	ug/l	99
90) Hexachloroethane	14.204	117	76106	23.748	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	198042	21.599	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28603	23.633	ug/l	98
93) 1,2,4-Trichlorobenzene	15.263	180	79077	19.243	ug/l	100
94) Hexachlorobutadiene	15.368	225	53756	19.878	ug/l	98
95) Naphthalene	15.504	128	200260	18.444	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	79735	20.150	ug/l	99

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

