

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070484.D
 Acq On : 5 Jan 2022 12:59
 Operator : JC/MD
 Sample : VN0105WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 06 12:33:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1005598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1639054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1513909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	617225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	692079	47.866	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.740%		
35) Dibromofluoromethane	8.021	113	506345	51.058	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.120%		
50) Toluene-d8	10.440	98	2040666	50.371	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.740%		
62) 4-Bromofluorobenzene	12.728	95	723165	49.423	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	201090	17.633	ug/l	97
3) Chloromethane	2.303	50	280473	18.080	ug/l	100
4) Vinyl Chloride	2.448	62	251515	17.808	ug/l	99
5) Bromomethane	2.853	94	145026	19.894	ug/l	100
6) Chloroethane	3.019	64	156201	18.364	ug/l	97
7) Trichlorofluoromethane	3.379	101	301359	17.727	ug/l	96
8) Diethyl Ether	3.824	74	146663	19.570	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.213	101	200866	19.318	ug/l	96
10) Methyl Iodide	4.419	142	263407	18.719	ug/l	98
11) Tert butyl alcohol	5.371	59	227603	94.542	ug/l #	84
12) 1,1-Dichloroethene	4.181	96	189500	18.503	ug/l	93
13) Acrolein	4.041	56	133323	68.253	ug/l	96
14) Allyl chloride	4.840	41	446482	19.228	ug/l #	85
15) Acrylonitrile	5.554	53	761917	101.420	ug/l	99
16) Acetone	4.285	43	884882	94.278	ug/l	99
17) Carbon Disulfide	4.529	76	475328	17.003	ug/l	98
18) Methyl Acetate	4.854	43	529438	19.500	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	747508	19.654	ug/l	95
20) Methylene Chloride	5.095	84	249184	19.189	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	203352	18.753	ug/l	86
22) Diisopropyl ether	6.495	45	928692	20.534	ug/l #	93
23) Vinyl Acetate	6.433	43	3504947	99.884	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	450175	19.197	ug/l	98
25) 2-Butanone	7.335	43	1160866	98.229	ug/l	93
26) 2,2-Dichloropropane	7.324	77	325600	17.600	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	250600	19.368	ug/l	87
28) Bromochloromethane	7.656	49	221166	19.284	ug/l #	77
29) Tetrahydrofuran	7.683	42	714889	101.388	ug/l	87
30) Chloroform	7.817	83	429898	19.002	ug/l	99
31) Cyclohexane	8.094	56	440350	19.300	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	344302	18.049	ug/l	96
36) 1,1-Dichloropropene	8.220	75	317852	19.375	ug/l	96
37) Ethyl Acetate	7.410	43	420188	19.760	ug/l	96
38) Carbon Tetrachloride	8.206	117	278833	17.799	ug/l	99
39) Methylcyclohexane	9.456	83	386223	19.446	ug/l	88
40) Benzene	8.458	78	1003040	19.943	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	223907	21.051	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	356780	18.872	ug/l	100
43) Isopropyl Acetate	8.560	43	655720	19.558	ug/l #	95
44) Trichloroethene	9.215	130	226492	18.952	ug/l	92
45) 1,2-Dichloropropane	9.488	63	276452	20.415	ug/l	100
46) Dibromomethane	9.577	93	165834	19.694	ug/l	94
47) Bromodichloromethane	9.759	83	323046	19.321	ug/l	98
48) Methyl methacrylate	9.558	41	303599	18.984	ug/l #	82
49) 1,4-Dioxane	9.566	88	96152	410.741	ug/l #	79
51) 4-Methyl-2-Pentanone	10.328	43	2160681	102.563	ug/l	97
52) Toluene	10.502	92	607742	19.963	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	343303	18.966	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	388152	19.823	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	243465	20.212	ug/l	97
56) Ethyl methacrylate	10.759	69	394458	19.819	ug/l	88
57) 1,3-Dichloropropane	11.044	76	433341	20.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	330636	78.734	ug/l	91
59) 2-Hexanone	11.084	43	1557409	101.374	ug/l	95
60) Dibromochloromethane	11.237	129	226235	19.250	ug/l	99
61) 1,2-Dibromoethane	11.344	107	239977	19.621	ug/l	98
64) Tetrachloroethene	10.977	164	206326	18.821	ug/l	96
65) Chlorobenzene	11.768	112	627793	19.544	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.838	131	215515	18.794	ug/l	99
67) Ethyl Benzene	11.843	91	1163631	19.771	ug/l	97
68) m/p-Xylenes	11.950	106	859131	40.102	ug/l	93
69) o-Xylene	12.277	106	427287	20.052	ug/l	94
70) Styrene	12.291	104	685031	20.312	ug/l	96
71) Bromoform	12.454	173	162574	19.103	ug/l #	100
73) Isopropylbenzene	12.575	105	1113956	19.435	ug/l	98
74) N-amyl acetate	12.387	43	443345	18.396	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	376753	19.054	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	321765m	19.380	ug/l	
77) Bromobenzene	12.857	156	251743	19.130	ug/l	77
78) n-propylbenzene	12.918	91	1253087	19.731	ug/l	96
79) 2-Chlorotoluene	13.007	91	783424	19.226	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	903639	19.673	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	90682	17.950	ug/l	96
82) 4-Chlorotoluene	13.103	91	742258	19.446	ug/l	92
83) tert-Butylbenzene	13.321	119	781119	19.313	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	879793	19.892	ug/l	99
85) sec-Butylbenzene	13.500	105	1077011	19.614	ug/l	97
86) p-Isopropyltoluene	13.613	119	853913	19.797	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	427564	19.409	ug/l	98
88) 1,4-Dichlorobenzene	13.694	146	410066	18.871	ug/l	96
89) n-Butylbenzene	13.940	91	667828	18.562	ug/l	97
90) Hexachloroethane	14.208	117	137217	18.312	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	417872	19.350	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56968	17.157	ug/l	82
93) 1,2,4-Trichlorobenzene	15.262	180	182832	17.968	ug/l	98
94) Hexachlorobutadiene	15.370	225	119625	20.228	ug/l	100
95) Naphthalene	15.504	128	459785	17.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	179885	19.002	ug/l	98

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

