

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070432.D
 Acq On : 3 Jan 2022 13:04
 Operator : JC/MD
 Sample : VN0103WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 04 01:31:04 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	884079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1409090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1290753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	523195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	587444	46.214	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.420%		
35) Dibromofluoromethane	8.021	113	423844	49.714	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.420%		
50) Toluene-d8	10.440	98	1683922	48.349	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.700%		
62) 4-Bromofluorobenzene	12.728	95	590353	46.931	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	179297	17.883	ug/l	98
3) Chloromethane	2.303	50	245980	18.036	ug/l	97
4) Vinyl Chloride	2.448	62	217317	17.501	ug/l	99
5) Bromomethane	2.858	94	128417	20.037	ug/l	100
6) Chloroethane	3.022	64	129783	17.356	ug/l	97
7) Trichlorofluoromethane	3.379	101	262825	17.585	ug/l	97
8) Diethyl Ether	3.824	74	126552	19.208	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.210	101	172922	18.917	ug/l	95
10) Methyl Iodide	4.419	142	234925	18.990	ug/l	97
11) Tert butyl alcohol	5.371	59	198113	93.604	ug/l #	87
12) 1,1-Dichloroethene	4.183	96	162622	18.061	ug/l	89
13) Acrolein	4.039	56	128885	75.051	ug/l	100
14) Allyl chloride	4.840	41	380548	18.641	ug/l #	86
15) Acrylonitrile	5.554	53	646788	97.929	ug/l	99
16) Acetone	4.285	43	748726	90.736	ug/l	99
17) Carbon Disulfide	4.529	76	435786	17.731	ug/l	99
18) Methyl Acetate	4.854	43	455581	19.086	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	639186	19.116	ug/l	94
20) Methylene Chloride	5.095	84	212675	18.628	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	172762	18.122	ug/l #	84
22) Diisopropyl ether	6.495	45	797955	20.069	ug/l #	92
23) Vinyl Acetate	6.431	43	3000139	97.250	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	387623	18.801	ug/l	99
25) 2-Butanone	7.335	43	986049	94.905	ug/l	90
26) 2,2-Dichloropropane	7.321	77	279403	17.179	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	216096	18.997	ug/l	88
28) Bromochloromethane	7.654	49	186886	18.535	ug/l #	76
29) Tetrahydrofuran	7.683	42	617060	99.543	ug/l #	86
30) Chloroform	7.817	83	377156	18.962	ug/l	98
31) Cyclohexane	8.091	56	383374	19.112	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	297658	17.749	ug/l	96
36) 1,1-Dichloropropene	8.220	75	269647	19.119	ug/l	96
37) Ethyl Acetate	7.412	43	370785	20.282	ug/l	96
38) Carbon Tetrachloride	8.206	117	245839	18.254	ug/l	100
39) Methylcyclohexane	9.456	83	325784	19.080	ug/l	89
40) Benzene	8.458	78	859584	19.880	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	191447	20.937	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	311304	19.154	ug/l	98
43) Isopropyl Acetate	8.558	43	566011	19.637	ug/l #	95
44) Trichloroethene	9.215	130	193858	18.869	ug/l	92
45) 1,2-Dichloropropane	9.488	63	236623	20.325	ug/l	99
46) Dibromomethane	9.574	93	143058	19.762	ug/l	94
47) Bromodichloromethane	9.759	83	284640	19.802	ug/l	99
48) Methyl methacrylate	9.558	41	277586	20.191	ug/l #	77
49) 1,4-Dioxane	9.566	88	82421	409.546	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	1847322	101.999	ug/l	96
52) Toluene	10.502	92	519528	19.850	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	293842	18.883	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	335456	19.928	ug/l	96
55) 1,1,2-Trichloroethane	10.896	97	208208	20.106	ug/l	98
56) Ethyl methacrylate	10.760	69	333019	19.463	ug/l	89
57) 1,3-Dichloropropane	11.044	76	371703	20.294	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	318668	86.027	ug/l	90
59) 2-Hexanone	11.084	43	1316403	99.671	ug/l	95
60) Dibromochloromethane	11.237	129	200263	19.821	ug/l	100
61) 1,2-Dibromoethane	11.344	107	205823	19.575	ug/l	98
64) Tetrachloroethene	10.977	164	176992	18.936	ug/l	97
65) Chlorobenzene	11.768	112	535159	19.540	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	185792	19.003	ug/l	98
67) Ethyl Benzene	11.843	91	986141	19.652	ug/l	96
68) m/p-Xylenes	11.950	106	725046	39.695	ug/l	93
69) o-Xylene	12.278	106	360562	19.846	ug/l	93
70) Styrene	12.294	104	576403	20.045	ug/l	97
71) Bromoform	12.457	173	146395	20.175	ug/l #	100
73) Isopropylbenzene	12.575	105	933297	19.209	ug/l	97
74) N-amyl acetate	12.388	43	374658	18.340	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	321434	19.180	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	290169m	20.443	ug/l	
77) Bromobenzene	12.857	156	216353	19.396	ug/l	79
78) n-propylbenzene	12.919	91	1052264	19.547	ug/l	96
79) 2-Chlorotoluene	13.004	91	659116	19.082	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	757401	19.453	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	77912	18.194	ug/l	97
82) 4-Chlorotoluene	13.104	91	621197	19.200	ug/l	92
83) tert-Butylbenzene	13.321	119	650274	18.968	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	743789	19.839	ug/l	97
85) sec-Butylbenzene	13.501	105	891355	19.150	ug/l	98
86) p-Isopropyltoluene	13.613	119	711471	19.459	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	366975	19.653	ug/l	98
88) 1,4-Dichlorobenzene	13.694	146	349491	18.974	ug/l	96
89) n-Butylbenzene	13.940	91	555380	18.211	ug/l	97
90) Hexachloroethane	14.209	117	115839	18.237	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	354691	19.376	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	50260	17.857	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	156598	18.155	ug/l	97
94) Hexachlorobutadiene	15.367	225	99208	19.790	ug/l	98
95) Naphthalene	15.504	128	394946	17.769	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	152470	19.001	ug/l	97

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

