

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070694.D
 Acq On : 19 Jan 2022 12:48
 Operator : JC/MD
 Sample : VN0119WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

Quant Time: Jan 20 03:36:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	741912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1198507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1094109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	458084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	563296	52.977	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.960%			
35) Dibromofluoromethane	8.021	113	399573	53.747	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.500%			
50) Toluene-d8	10.441	98	1655095	52.846	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.700%			
62) 4-Bromofluorobenzene	12.728	95	588351	52.718	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	164058	19.136	ug/l	100
3) Chloromethane	2.303	50	232084	18.520	ug/l	98
4) Vinyl Chloride	2.448	62	223968	18.791	ug/l	97
5) Bromomethane	2.861	94	131963	21.258	ug/l	96
6) Chloroethane	3.025	64	129625	17.428	ug/l	96
7) Trichlorofluoromethane	3.382	101	273328	20.074	ug/l	99
8) Diethyl Ether	3.824	74	121923	20.499	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	153290	18.628	ug/l	97
10) Methyl Iodide	4.422	142	205660	19.381	ug/l	100
11) Tert butyl alcohol	5.374	59	173799	90.601	ug/l	96
12) 1,1-Dichloroethene	4.183	96	148163	18.052	ug/l	89
13) Acrolein	4.041	56	272066	98.890	ug/l	99
14) Allyl chloride	4.841	41	346811	19.393	ug/l #	84
15) Acrylonitrile	5.554	53	590204	96.716	ug/l	98
16) Acetone	4.285	43	649224	87.972	ug/l	98
17) Carbon Disulfide	4.529	76	417626	18.735	ug/l	99
18) Methyl Acetate	4.857	43	268824	18.522	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	591406	20.170	ug/l	96
20) Methylene Chloride	5.093	84	189221	19.465	ug/l	86
21) trans-1,2-Dichloroethene	5.600	96	160263	19.401	ug/l	88
22) Diisopropyl ether	6.495	45	729956	20.593	ug/l #	92
23) Vinyl Acetate	6.434	43	3043330	101.285	ug/l	95
24) 1,1-Dichloroethane	6.388	63	349454	19.709	ug/l	98
25) 2-Butanone	7.335	43	862316	92.857	ug/l	92
26) 2,2-Dichloropropane	7.327	77	266671	19.617	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	192270	19.594	ug/l	86
28) Bromochloromethane	7.657	49	148216	18.619	ug/l #	74
29) Tetrahydrofuran	7.683	42	550736	96.856	ug/l	87
30) Chloroform	7.815	83	340237	19.340	ug/l	98
31) Cyclohexane	8.094	56	366712	19.586	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	277550	20.167	ug/l	98
36) 1,1-Dichloropropene	8.220	75	248783	19.878	ug/l	96
37) Ethyl Acetate	7.413	43	327131	19.688	ug/l	97
38) Carbon Tetrachloride	8.206	117	226032	20.301	ug/l	97
39) Methylcyclohexane	9.459	83	309910	20.058	ug/l	88
40) Benzene	8.459	78	775622	20.000	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	164516	19.461	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	280018	20.824	ug/l	99
43) Isopropyl Acetate	8.558	43	507822	20.009	ug/l	95
44) Trichloroethene	9.215	130	173484	19.733	ug/l	90
45) 1,2-Dichloropropane	9.488	63	214155	20.297	ug/l	99
46) Dibromomethane	9.577	93	127547	20.790	ug/l	93
47) Bromodichloromethane	9.762	83	253767	20.235	ug/l	99
48) Methyl methacrylate	9.558	41	246377	20.378	ug/l #	78
49) 1,4-Dioxane	9.569	88	71511	393.755	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	1602341	98.945	ug/l	98
52) Toluene	10.502	92	472071	20.350	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	276613	19.718	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	306534	20.381	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	183154	20.098	ug/l	97
56) Ethyl methacrylate	10.760	69	308902	19.304	ug/l	88
57) 1,3-Dichloropropane	11.041	76	331497	20.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	326277	89.142	ug/l	89
59) 2-Hexanone	11.084	43	1168332	99.310	ug/l	97
60) Dibromochloromethane	11.237	129	173744	20.440	ug/l	99
61) 1,2-Dibromoethane	11.344	107	184684	20.185	ug/l	98
64) Tetrachloroethene	10.977	164	163685	20.404	ug/l	96
65) Chlorobenzene	11.768	112	479986	20.248	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	166983	20.456	ug/l	99
67) Ethyl Benzene	11.843	91	901741	20.518	ug/l	95
68) m/p-Xylenes	11.950	106	664727	41.576	ug/l	91
69) o-Xylene	12.278	106	324280	20.438	ug/l	89
70) Styrene	12.294	104	525288	20.694	ug/l	95
71) Bromoform	12.455	173	125082	20.285	ug/l #	100
73) Isopropylbenzene	12.578	105	847794	19.563	ug/l	98
74) N-amyl acetate	12.388	43	347279	19.599	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	286375	19.567	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	243475m	20.040	ug/l	
77) Bromobenzene	12.860	156	192305	19.792	ug/l	75
78) n-propylbenzene	12.919	91	991058	20.449	ug/l	95
79) 2-Chlorotoluene	13.004	91	608655	19.853	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	711431	20.300	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	74047	18.157	ug/l	99
82) 4-Chlorotoluene	13.104	91	584081	20.390	ug/l	91
83) tert-Butylbenzene	13.321	119	603341	19.777	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	690017	20.483	ug/l	97
85) sec-Butylbenzene	13.501	105	840327	20.262	ug/l	96
86) p-Isopropyltoluene	13.613	119	668030	20.504	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	331507	20.510	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	323050	20.083	ug/l	96
89) n-Butylbenzene	13.940	91	528739	19.672	ug/l	97
90) Hexachloroethane	14.209	117	108777	19.100	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	320490	20.069	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	46183	18.602	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	145479	19.437	ug/l	99
94) Hexachlorobutadiene	15.367	225	98443	20.814	ug/l	99
95) Naphthalene	15.504	128	355022	18.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	138238	19.205	ug/l	98

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

