

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069572.D
 Acq On : 19 Nov 2021 00:41
 Operator : JC/MD
 Sample : VN1118WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

Quant Time: Nov 19 03:22:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	972353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1652828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1524159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	608880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	786256	55.768	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.540%
35) Dibromofluoromethane	8.024	113	544356	54.914	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.820%
50) Toluene-d8	10.443	98	2109546	54.108	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.733	95	727734	50.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	181226	17.445	ug/l	99
3) Chloromethane	2.303	50	211305	17.540	ug/l	99
4) Vinyl Chloride	2.445	62	211920	17.568	ug/l	99
5) Bromomethane	2.848	94	132800	16.951	ug/l	96
6) Chloroethane	3.017	64	137240	16.855	ug/l	100
7) Trichlorofluoromethane	3.373	101	316069	16.953	ug/l	98
8) Diethyl Ether	3.821	74	118144	19.587	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.205	101	164627	18.746	ug/l	95
10) Methyl Iodide	4.417	142	197658	18.350	ug/l	98
11) Tert butyl alcohol	5.393	59	263946	103.895	ug/l	99
12) 1,1-Dichloroethene	4.175	96	150615	19.111	ug/l	94
13) Acrolein	4.041	56	53432	145.766	ug/l	95
14) Allyl chloride	4.840	41	321061	18.426	ug/l	94
15) Acrylonitrile	5.562	53	721812	110.949	ug/l	99
16) Acetone	4.291	43	687460	90.374	ug/l	96
17) Carbon Disulfide	4.527	76	260395	13.978	ug/l	98
18) Methyl Acetate	4.862	43	522702	21.139	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	673646	20.198	ug/l	96
20) Methylene Chloride	5.095	84	203546	18.870	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	161804	18.382	ug/l	86
22) Diisopropyl ether	6.498	45	755408	20.126	ug/l	97
23) Vinyl Acetate	6.436	43	2908168	100.180	ug/l	95
24) 1,1-Dichloroethane	6.388	63	375426	19.638	ug/l	99
25) 2-Butanone	7.340	43	1082797	105.124	ug/l	92
26) 2,2-Dichloropropane	7.327	77	222363	14.866	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	212674	19.490	ug/l	89
28) Bromochloromethane	7.659	49	193440	19.759	ug/l #	80
29) Tetrahydrofuran	7.691	42	706317	111.741	ug/l	90
30) Chloroform	7.820	83	388411	19.818	ug/l	100
31) Cyclohexane	8.096	56	337875	17.542	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	314796	19.243	ug/l	95
36) 1,1-Dichloropropene	8.222	75	257340	18.504	ug/l	98
37) Ethyl Acetate	7.418	43	414643	22.056	ug/l	96
38) Carbon Tetrachloride	8.206	117	251700	18.746	ug/l	99
39) Methylcyclohexane	9.461	83	288092	16.652	ug/l	90
40) Benzene	8.461	78	844766	19.679	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	196878	20.267	ug/l	92
42) 1,2-Dichloroethane	8.531	62	341723	20.330	ug/l	97
43) Isopropyl Acetate	8.566	43	639809	21.188	ug/l	94
44) Trichloroethene	9.217	130	198087	19.281	ug/l	92
45) 1,2-Dichloropropane	9.491	63	231491	20.184	ug/l	99
46) Dibromomethane	9.579	93	149908	19.514	ug/l	94
47) Bromodichloromethane	9.765	83	276749	19.306	ug/l	99
48) Methyl methacrylate	9.561	41	284506	20.026	ug/l	91
49) 1,4-Dioxane	9.571	88	107397	405.610	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	2198904	112.815	ug/l	95
52) Toluene	10.507	92	528312	19.755	ug/l	96
53) t-1,3-Dichloropropene	10.719	75	268529	17.069	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	300754	17.364	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	226236	20.986	ug/l	97
56) Ethyl methacrylate	10.762	69	357084	18.908	ug/l #	86
57) 1,3-Dichloropropane	11.047	76	384146	20.279	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	351676	83.960	ug/l	93
59) 2-Hexanone	11.087	43	1577360	100.743	ug/l	94
60) Dibromochloromethane	11.240	129	195587	18.148	ug/l	100
61) 1,2-Dibromoethane	11.347	107	221921	19.119	ug/l	99
64) Tetrachloroethene	10.979	164	184121	20.007	ug/l	93
65) Chlorobenzene	11.771	112	556402	19.612	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	202139	20.542	ug/l	99
67) Ethyl Benzene	11.846	91	1004993	19.207	ug/l	96
68) m/p-Xylenes	11.953	106	733665	38.125	ug/l	93
69) o-Xylene	12.283	106	368997	19.234	ug/l	92
70) Styrene	12.296	104	587462	18.057	ug/l	96
71) Bromoform	12.460	173	134403	18.080	ug/l #	100
73) Isopropylbenzene	12.581	105	970237	20.013	ug/l	99
74) N-amyl acetate	12.390	43	418561	20.373	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	359026	21.958	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	339543m	24.164	ug/l	
77) Bromobenzene	12.862	156	227240	20.495	ug/l	79
78) n-propylbenzene	12.921	91	1059113	19.415	ug/l	97
79) 2-Chlorotoluene	13.010	91	679805	20.127	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	785038	20.031	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	67344	18.402	ug/l #	79
82) 4-Chlorotoluene	13.106	91	629741	19.559	ug/l	92
83) tert-Butylbenzene	13.323	119	703055	20.471	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	754030	19.929	ug/l	98
85) sec-Butylbenzene	13.503	105	932898	19.445	ug/l	98
86) p-Isopropyltoluene	13.616	119	726717	19.081	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	376722	19.598	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	361755	19.183	ug/l	96
89) n-Butylbenzene	13.943	91	548185	17.260	ug/l	98
90) Hexachloroethane	14.211	117	117179	18.177	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	381637	20.864	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	58962	20.496	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	158733	18.644	ug/l	98
94) Hexachlorobutadiene	15.373	225	94051	19.789	ug/l	99
95) Naphthalene	15.509	128	472385	20.372	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	162181	19.744	ug/l	97

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

