

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067501.D
 Acq On : 25 Jun 2021 13:53
 Operator : JC/MD
 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Manual Integrations
 APPROVED

SAM
 6/29/2021 7:22:48 PM

Quant Time: Jun 29 02:00:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	197522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	456025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	408098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	145677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	230983	57.139	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	114.280%
35) Dibromofluoromethane	8.024	113	141949	50.525	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.060%
50) Toluene-d8	10.443	98	608770	50.804	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.733	95	208077	48.739	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	73578	22.177	ug/l	97
3) Chloromethane	2.301	50	83311	22.471	ug/l	97
4) Vinyl Chloride	2.443	62	77423	23.408	ug/l	97
5) Bromomethane	2.845	94	44124	24.158	ug/l	95
6) Chloroethane	3.017	64	48632	22.790	ug/l	98
7) Trichlorofluoromethane	3.371	101	109936	21.967	ug/l	99
8) Diethyl Ether	3.821	74	45880	22.342	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.202	101	58230	21.285	ug/l #	73
10) Methyl Iodide	4.414	142	56504	18.759	ug/l	95
11) Tert butyl alcohol	5.385	59	68832	104.258	ug/l #	90
12) 1,1-Dichloroethene	4.175	96	56323	20.820	ug/l	98
13) Acrolein	4.041	56	79244	141.184	ug/l	99
14) Allyl chloride	4.835	41	122102	20.577	ug/l	96
15) Acrylonitrile	5.556	53	200568	114.103	ug/l	98
16) Acetone	4.288	43	159485	103.080	ug/l	95
17) Carbon Disulfide	4.524	76	177571	20.139	ug/l	97
18) Methyl Acetate	4.859	43	93222	21.589	ug/l	99
19) Methyl tert-butyl Ether	5.624	73	236809	22.077	ug/l	96
20) Methylene Chloride	5.090	84	73969	20.317	ug/l	96
21) trans-1,2-Dichloroethene	5.597	96	60123	20.684	ug/l	93
22) Diisopropyl ether	6.503	45	256060	21.946	ug/l	96
23) Vinyl Acetate	6.436	43	1118862	113.024	ug/l	99
24) 1,1-Dichloroethane	6.388	63	140009	21.988	ug/l	98
25) 2-Butanone	7.343	43	272690	113.366	ug/l	100
26) 2,2-Dichloropropane	7.327	77	110273	20.346	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	73073	21.277	ug/l	97
28) Bromochloromethane	7.659	49	67835	22.353	ug/l #	81
29) Tetrahydrofuran	7.691	42	184810	121.336	ug/l	97
30) Chloroform	7.820	83	129702	21.383	ug/l	97
31) Cyclohexane	8.094	56	138179	21.356	ug/l	100
32) 1,1,1-Trichloroethane	8.016	97	105525	20.795	ug/l	96
36) 1,1-Dichloropropene	8.220	75	100626	19.587	ug/l	96
37) Ethyl Acetate	7.418	43	111314	20.514	ug/l	97
38) Carbon Tetrachloride	8.206	117	83119	18.997	ug/l	98
39) Methylcyclohexane	9.461	83	116159	19.618	ug/l	96
40) Benzene	8.461	78	306279	20.294	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	58952	21.482	ug/l	97
42) 1,2-Dichloroethane	8.533	62	111334	20.281	ug/l	100
43) Isopropyl Acetate	8.566	43	193488	20.674	ug/l	98
44) Trichloroethene	9.217	130	56703	19.023	ug/l	91
45) 1,2-Dichloropropane	9.494	63	84962	20.548	ug/l	100
46) Dibromomethane	9.579	93	49609	19.798	ug/l	91
47) Bromodichloromethane	9.765	83	102345	19.943	ug/l #	97
48) Methyl methacrylate	9.563	41	83767	20.673	ug/l	94
49) 1,4-Dioxane	9.574	88	23459	405.785	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	588751	107.747	ug/l	99
52) Toluene	10.507	92	175416	19.903	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	112297	18.704	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	126696	19.994	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	66865	19.793	ug/l	96
56) Ethyl methacrylate	10.765	69	124323	20.425	ug/l	95
57) 1,3-Dichloropropane	11.046	76	130940	20.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	130016	93.003	ug/l	94
59) 2-Hexanone	11.089	43	406781	105.707	ug/l	98
60) Dibromochloromethane	11.242	129	57043	17.862	ug/l	98
61) 1,2-Dibromoethane	11.350	107	64501	19.632	ug/l	99
64) Tetrachloroethene	10.979	164	47022	17.715	ug/l	93
65) Chlorobenzene	11.773	112	167836	19.788	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	54111	18.195	ug/l	97
67) Ethyl Benzene	11.848	91	339362	19.644	ug/l	99
68) m/p-Xylenes	11.956	106	228741	39.110	ug/l	98
69) o-Xylene	12.283	106	113327	19.558	ug/l	95
70) Styrene	12.296	104	181918	19.187	ug/l	98
71) Bromoform	12.463	173	32148	16.455	ug/l #	100
73) Isopropylbenzene	12.581	105	298371	20.119	ug/l	98
74) N-amyl acetate	12.390	43	151666	21.186	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	100448	20.941	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	93791m	21.875	ug/l	
77) Bromobenzene	12.865	156	51060	18.678	ug/l	74
78) n-propylbenzene	12.924	91	372452	20.367	ug/l	95
79) 2-Chlorotoluene	13.010	91	222508	20.266	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	247768	20.458	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	28894	18.440	ug/l	94
82) 4-Chlorotoluene	13.106	91	219634	20.374	ug/l	96
83) tert-Butylbenzene	13.326	119	194215	20.310	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	239907	20.192	ug/l	100
85) sec-Butylbenzene	13.503	105	291877	20.390	ug/l	96
86) p-Isopropyltoluene	13.618	119	213123	20.016	ug/l	98
87) 1,3-Dichlorobenzene	13.618	146	94835	19.125	ug/l	98
88) 1,4-Dichlorobenzene	13.699	146	94824	19.121	ug/l	96
89) n-Butylbenzene	13.946	91	212298	19.902	ug/l	98
90) Hexachloroethane	14.214	117	39835	19.629	ug/l	80
91) 1,2-Dichlorobenzene	13.991	146	92525	19.104	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	18064	21.135	ug/l	87
93) 1,2,4-Trichlorobenzene	15.265	180	41749	18.585	ug/l	97
94) Hexachlorobutadiene	15.375	225	18333	16.716	ug/l	97
95) Naphthalene	15.507	128	141038	19.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	37739	17.891	ug/l	97

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

