

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
 Data File : VN067396.D
 Acq On : 18 Jun 2021 13:25
 Operator : JC/MD
 Sample : VN0618WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2021 3:47:19 PM

Quant Time: Jun 19 00:38:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	300916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	623717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	545141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	214956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	293153	49.384	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.760%		
35) Dibromofluoromethane	8.021	113	196851	47.455	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.900%		
50) Toluene-d8	10.443	98	778597	48.970	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.940%		
62) 4-Bromofluorobenzene	12.733	95	290112	44.214	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	95716	20.261	ug/l	100
3) Chloromethane	2.301	50	95081	20.813	ug/l	97
4) Vinyl Chloride	2.443	62	91371	20.401	ug/l	100
5) Bromomethane	2.858	94	48511	25.531	ug/l	99
6) Chloroethane	3.019	64	56676	20.600	ug/l	94
7) Trichlorofluoromethane	3.373	101	131941	21.224	ug/l	97
8) Diethyl Ether	3.819	74	54805	21.673	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.199	101	84110	22.495	ug/l	97
10) Methyl Iodide	4.419	142	77525	24.220	ug/l #	91
11) Tert butyl alcohol	5.393	59	88223	90.279	ug/l	99
12) 1,1-Dichloroethene	4.175	96	77799	21.557	ug/l	94
13) Acrolein	4.038	56	65690	107.691	ug/l	95
14) Allyl chloride	4.838	41	160990	20.105	ug/l	96
15) Acrylonitrile	5.559	53	236536	110.279	ug/l	99
16) Acetone	4.291	43	228167	100.159	ug/l	96
17) Carbon Disulfide	4.524	76	246695	21.164	ug/l	100
18) Methyl Acetate	4.859	43	110467	19.999	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	315058	21.748	ug/l	97
20) Methylene Chloride	5.095	84	98683	20.820	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	86569	21.645	ug/l	98
22) Diisopropyl ether	6.501	45	325016	21.989	ug/l	96
23) Vinyl Acetate	6.436	43	1395505	103.035	ug/l	98
24) 1,1-Dichloroethane	6.385	63	183861	22.174	ug/l	100
25) 2-Butanone	7.343	43	326241	100.222	ug/l	100
26) 2,2-Dichloropropane	7.327	77	164497	19.573	ug/l	97
27) cis-1,2-Dichloroethene	7.329	96	103375	21.966	ug/l	97
28) Bromochloromethane	7.659	49	77635	20.118	ug/l	96
29) Tetrahydrofuran	7.689	42	201864	98.359	ug/l	94
30) Chloroform	7.817	83	176781	20.307	ug/l	98
31) Cyclohexane	8.094	56	177164	21.954	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	152247	19.040	ug/l	98
36) 1,1-Dichloropropene	8.222	75	138146	19.757	ug/l	98
37) Ethyl Acetate	7.418	43	132161	17.840	ug/l	98
38) Carbon Tetrachloride	8.206	117	122764	16.334	ug/l	98
39) Methylcyclohexane	9.459	83	161016	21.757	ug/l	96
40) Benzene	8.461	78	399970	20.494	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	68246	17.721	ug/l	94
42) 1,2-Dichloroethane	8.531	62	145458	17.638	ug/l	99
43) Isopropyl Acetate	8.563	43	240410	18.080	ug/l	97
44) Trichloroethene	9.217	130	83586	18.315	ug/l	95
45) 1,2-Dichloropropane	9.494	63	106178	20.398	ug/l	98
46) Dibromomethane	9.579	93	65576	18.517	ug/l	95
47) Bromodichloromethane	9.762	83	141750	17.844	ug/l	99
48) Methyl methacrylate	9.561	41	101524	16.745	ug/l	95
49) 1,4-Dioxane	9.574	88	31356	377.873	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	688822	89.978	ug/l	98
52) Toluene	10.507	92	236295	19.254	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	154614	17.576	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	170490	19.177	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	90166	19.002	ug/l	96
56) Ethyl methacrylate	10.765	69	161348	18.914	ug/l	93
57) 1,3-Dichloropropane	11.049	76	165006	19.038	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	190354	76.676	ug/l	98
59) 2-Hexanone	11.087	43	483879	86.274	ug/l	96
60) Dibromochloromethane	11.240	129	85667	16.512	ug/l	99
61) 1,2-Dibromoethane	11.347	107	86655	17.444	ug/l	98
64) Tetrachloroethene	10.979	164	74752	19.312	ug/l	98
65) Chlorobenzene	11.773	112	227895	19.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	80843	18.301	ug/l	97
67) Ethyl Benzene	11.846	91	460880	19.647	ug/l	99
68) m/p-Xylenes	11.956	106	321557	38.560	ug/l	100
69) o-Xylene	12.283	106	159092	19.505	ug/l	99
70) Styrene	12.296	104	264147	19.483	ug/l	98
71) Bromoform	12.460	173	52018	15.411	ug/l #	99
73) Isopropylbenzene	12.581	105	426603	20.683	ug/l	99
74) N-amyl acetate	12.390	43	192266	19.093	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.830	83	128786	20.944	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	115715m	20.730	ug/l	
77) Bromobenzene	12.862	156	81015	19.287	ug/l	96
78) n-propylbenzene	12.921	91	521732	21.267	ug/l	98
79) 2-Chlorotoluene	13.010	91	306467	20.062	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	349260	20.101	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	42297	18.779	ug/l	92
82) 4-Chlorotoluene	13.109	91	302878	19.914	ug/l	98
83) tert-Butylbenzene	13.326	119	277389	20.050	ug/l	100
84) 1,2,4-Trimethylbenzene	13.372	105	343668	20.020	ug/l	100
85) sec-Butylbenzene	13.503	105	417050	21.291	ug/l	98
86) p-Isopropyltoluene	13.618	119	317218	20.065	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	148665	19.621	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	148386	19.470	ug/l	99
89) n-Butylbenzene	13.946	91	319431	21.504	ug/l	98
90) Hexachloroethane	14.214	117	59381	19.207	ug/l	90
91) 1,2-Dichlorobenzene	13.991	146	141641	19.702	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.608	75	24825	16.149	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	68632	18.285	ug/l	97
94) Hexachlorobutadiene	15.372	225	37076	17.201	ug/l	99
95) Naphthalene	15.509	128	195474	16.798	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	63101	17.511	ug/l	99

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

