

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065907.D
 Acq On : 17 Feb 2021 21:12
 Operator : JC/MD
 Sample : VN0217WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBS01

Manual Integrations
 APPROVED

SAM
 2/18/2021 10:19:24 AM

Quant Time: Feb 18 01:47:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	149462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	262813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	239815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	100704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	103845	49.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.36%		
35) Dibromofluoromethane	7.550	113	80225	49.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.64%		
50) Toluene-d8	10.058	98	315006	47.18	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.36%		
62) 4-Bromofluorobenzene	12.370	95	113247	45.18	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.36%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	34648	17.71	ug/l	96
3) Chloromethane	2.049	50	45244	18.45	ug/l	98
4) Vinyl Chloride	2.177	62	44324	18.35	ug/l	97
5) Bromomethane	2.534	94	30223	20.43	ug/l	93
6) Chloroethane	2.682	64	25405	18.64	ug/l	96
7) Trichlorofluoromethane	2.997	101	54701	18.19	ug/l	99
8) Diethyl Ether	3.386	74	21153	19.17	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.717	101	29545	18.57	ug/l	96
10) Methyl Iodide	3.910	142	44492	17.91	ug/l	96
11) Tert butyl alcohol	4.778	59	27395	94.26	ug/l	99
12) 1,1-Dichloroethene	3.698	96	30321	18.06	ug/l	97
13) Acrolein	3.579	56	24904	93.64	ug/l	100
14) Allyl chloride	4.280	41	53521	18.68	ug/l	94
15) Acrylonitrile	4.946	53	79601	98.77	ug/l	98
16) Acetone	3.788	43	63573	95.84	ug/l	98
17) Carbon Disulfide	4.010	76	85597	17.90	ug/l	97
18) Methyl Acetate	4.293	43	33230	19.24	ug/l	99
19) Methyl tert-butyl Ether	5.007	73	102464	18.97	ug/l	97
20) Methylene Chloride	4.505	84	36423	18.79	ug/l	99
21) trans-1,2-Dichloroethene	4.994	96	32516	18.43	ug/l	89
22) Diisopropyl ether	5.913	45	110011	19.19	ug/l	97
23) Vinyl Acetate	5.852	43	433182	96.34	ug/l	100
24) 1,1-Dichloroethane	5.798	63	63401	19.14	ug/l	99
25) 2-Butanone	6.798	43	100410	97.05	ug/l	99
26) 2,2-Dichloropropane	6.782	77	46880	18.05	ug/l	98
27) cis-1,2-Dichloroethene	6.782	96	38488	19.15	ug/l	94
28) Bromochloromethane	7.155	49	27423	17.96	ug/l	88
29) Tetrahydrofuran	7.177	42	68488	96.15	ug/l	97
30) Chloroform	7.331	83	61959	18.94	ug/l	99
31) Cyclohexane	7.611	56	55501	17.81	ug/l #	95
32) 1,1,1-Trichloroethane	7.531	97	51317	18.70	ug/l	98
36) 1,1-Dichloropropene	7.753	75	47754	18.43	ug/l	95
37) Ethyl Acetate	6.894	43	43266	18.49	ug/l	99
38) Carbon Tetrachloride	7.733	117	42035	17.45	ug/l	99
39) Methylcyclohexane	9.045	83	49889	17.13	ug/l	93
40) Benzene	8.003	78	146213	18.39	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	21256m	18.76	ug/l	
42) 1,2-Dichloroethane	8.087	62	50194	19.21	ug/l	97
43) Isopropyl Acetate	8.129	43	68784	18.44	ug/l	93
44) Trichloroethene	8.801	130	35585	18.10	ug/l	96
45) 1,2-Dichloropropane	9.084	63	38324	18.82	ug/l	97
46) Dibromomethane	9.174	93	23350	18.83	ug/l	93
47) Bromodichloromethane	9.367	83	45883	18.17	ug/l	98
48) Methyl methacrylate	9.167	41	33905	17.94	ug/l	97
49) 1,4-Dioxane	9.167	88	12553	389.88	ug/l	93
51) 4-Methyl-2-Pentanone	9.952	43	214769	94.64	ug/l	99
52) Toluene	10.122	92	86617	17.74	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	52235	18.04	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	57727	18.44	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	33956	18.58	ug/l	97
56) Ethyl methacrylate	10.399	69	52425	19.08	ug/l	97
57) 1,3-Dichloropropane	10.675	76	59604	18.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.662	63	119104	90.79	ug/l	96
59) 2-Hexanone	10.724	43	152157	94.13	ug/l	100
60) Dibromochloromethane	10.871	129	33217	17.78	ug/l	97
61) 1,2-Dibromoethane	10.974	107	34875	18.79	ug/l	96
64) Tetrachloroethene	10.598	164	33329	18.00	ug/l	96
65) Chlorobenzene	11.402	112	91525	18.25	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	33231	19.29	ug/l	98
67) Ethyl Benzene	11.482	91	162087	17.86	ug/l	98
68) m/p-Xylenes	11.592	106	122907	36.29	ug/l	95
69) o-Xylene	11.916	106	59731	18.29	ug/l	97
70) Styrene	11.936	104	99506	18.51	ug/l	98
71) Bromoform	12.096	173	21596	18.12	ug/l #	99
73) Isopropylbenzene	12.219	105	155727	18.95	ug/l	99
74) N-amyl acetate	12.042	43	57001	19.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.473	83	48211	19.88	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	45822m	18.94	ug/l	
77) Bromobenzene	12.495	156	36909	19.63	ug/l	86
78) n-propylbenzene	12.559	91	174527	18.67	ug/l	98
79) 2-Chlorotoluene	12.643	91	109248	18.65	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	133371	19.10	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	14051	18.51	ug/l	98
82) 4-Chlorotoluene	12.743	91	109009	18.43	ug/l	97
83) tert-Butylbenzene	12.965	119	108962	18.89	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	132948	18.97	ug/l	99
85) sec-Butylbenzene	13.141	105	139794	18.66	ug/l	97
86) p-Isopropyltoluene	13.257	119	126118	18.55	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	62506	18.78	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	59150	17.40	ug/l	93
89) n-Butylbenzene	13.585	91	104195	18.17	ug/l	99
90) Hexachloroethane	13.842	117	20711	17.99	ug/l	93
91) 1,2-Dichlorobenzene	13.624	146	62092	18.60	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	8272	17.86	ug/l	90
93) 1,2,4-Trichlorobenzene	14.878	180	27281	16.86	ug/l	99
94) Hexachlorobutadiene	14.977	225	14363	18.54	ug/l	97
95) Naphthalene	15.100	128	84500	16.64	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	27380	16.73	ug/l	97

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

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