

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065908.D
 Acq On : 17 Feb 2021 21:37
 Operator : JC/MD
 Sample : VN0217WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBSD01

Manual Integrations
 APPROVED

SAM
 2/18/2021 10:20:00 AM

Quant Time: Feb 18 01:47:49 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	7.627	168	149548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	263732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	240156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	100967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	102009	48.78	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.56%		
35) Dibromofluoromethane	7.550	113	79281	48.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.14%		
50) Toluene-d8	10.058	98	316809	47.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.56%		
62) 4-Bromofluorobenzene	12.370	95	110915	44.10	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.20%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	34739	17.74	ug/l	99
3) Chloromethane	2.049	50	44212	18.02	ug/l	100
4) Vinyl Chloride	2.177	62	43507	18.00	ug/l	99
5) Bromomethane	2.534	94	27310	18.45	ug/l	91
6) Chloroethane	2.682	64	24795	18.18	ug/l	96
7) Trichlorofluoromethane	2.997	101	53765	17.87	ug/l	100
8) Diethyl Ether	3.386	74	20478	18.54	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.721	101	30348	19.07	ug/l	94
10) Methyl Iodide	3.910	142	43458	17.48	ug/l	96
11) Tert butyl alcohol	4.775	59	25991	89.38	ug/l	99
12) 1,1-Dichloroethene	3.701	96	29830	17.76	ug/l	95
13) Acrolein	3.576	56	22689	85.26	ug/l	94
14) Allyl chloride	4.277	41	51499	17.96	ug/l	92
15) Acrylonitrile	4.946	53	76446	94.81	ug/l	98
16) Acetone	3.785	43	58233	87.60	ug/l	99
17) Carbon Disulfide	4.007	76	83582	17.47	ug/l	98
18) Methyl Acetate	4.290	43	31683	18.34	ug/l	99
19) Methyl tert-butyl Ether	5.007	73	97314	18.01	ug/l	99
20) Methylene Chloride	4.502	84	34233	17.65	ug/l	96
21) trans-1,2-Dichloroethene	4.991	96	31758	17.99	ug/l	91
22) Diisopropyl ether	5.917	45	105276	18.36	ug/l	97
23) Vinyl Acetate	5.852	43	417837	92.88	ug/l	100
24) 1,1-Dichloroethane	5.804	63	60273	18.19	ug/l	97
25) 2-Butanone	6.801	43	95310	92.07	ug/l	95
26) 2,2-Dichloropropane	6.772	77	45363	17.45	ug/l	99
27) cis-1,2-Dichloroethene	6.785	96	37927	18.86	ug/l	96
28) Bromochloromethane	7.151	49	27473	17.99	ug/l	91
29) Tetrahydrofuran	7.180	42	64463	90.45	ug/l	99
30) Chloroform	7.331	83	60300	18.42	ug/l	96
31) Cyclohexane	7.611	56	55786	17.89	ug/l	98
32) 1,1,1-Trichloroethane	7.531	97	49865	18.16	ug/l	99
36) 1,1-Dichloropropene	7.753	75	46205	17.77	ug/l	98
37) Ethyl Acetate	6.897	43	42089	17.92	ug/l	99
38) Carbon Tetrachloride	7.733	117	42848	17.73	ug/l	100
39) Methylcyclohexane	9.045	83	50577	17.31	ug/l	96
40) Benzene	8.003	78	140708	17.64	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.135	41	18691	16.44	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	48496	18.50	ug/l	99
43) Isopropyl Acetate	8.132	43	68514	18.31	ug/l #	92
44) Trichloroethene	8.801	130	35698	18.09	ug/l	95
45) 1,2-Dichloropropane	9.084	63	37311	18.26	ug/l	96
46) Dibromomethane	9.174	93	23069	18.53	ug/l	91
47) Bromodichloromethane	9.370	83	44198	17.44	ug/l	98
48) Methyl methacrylate	9.167	41	33478	17.65	ug/l	94
49) 1,4-Dioxane	9.174	88	11537	357.08	ug/l	91
51) 4-Methyl-2-Pentanone	9.952	43	206085	90.50	ug/l	100
52) Toluene	10.122	92	88146	17.99	ug/l	96
53) t-1,3-Dichloropropene	10.351	75	49934	17.28	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	56164	17.87	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	33107	18.05	ug/l	98
56) Ethyl methacrylate	10.399	69	50592	18.35	ug/l	97
57) 1,3-Dichloropropane	10.675	76	58098	17.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	117959	89.61	ug/l	98
59) 2-Hexanone	10.724	43	144971	89.37	ug/l	100
60) Dibromochloromethane	10.872	129	32337	17.25	ug/l	97
61) 1,2-Dibromoethane	10.974	107	34340	18.43	ug/l	96
64) Tetrachloroethene	10.601	164	34258	18.48	ug/l	96
65) Chlorobenzene	11.402	112	91243	18.17	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	32205	18.67	ug/l	99
67) Ethyl Benzene	11.479	91	163167	17.95	ug/l	99
68) m/p-Xylenes	11.592	106	120743	35.60	ug/l	95
69) o-Xylene	11.916	106	58445	17.87	ug/l	95
70) Styrene	11.933	104	97837	18.17	ug/l	97
71) Bromoform	12.100	173	20560	17.35	ug/l #	97
73) Isopropylbenzene	12.219	105	156178	18.95	ug/l	99
74) N-amyl acetate	12.042	43	54616	19.11	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	44920	18.48	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	44986m	18.55	ug/l	
77) Bromobenzene	12.495	156	36002	19.09	ug/l	84
78) n-propylbenzene	12.563	91	170988	18.25	ug/l	99
79) 2-Chlorotoluene	12.643	91	106945	18.21	ug/l	99
80) 1,3,5-Trimethylbenzene	12.704	105	131249	18.75	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.270	75	13060	17.16	ug/l	93
82) 4-Chlorotoluene	12.743	91	108358	18.27	ug/l	95
83) tert-Butylbenzene	12.965	119	107387	18.57	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	131554	18.72	ug/l	100
85) sec-Butylbenzene	13.142	105	140446	18.70	ug/l	97
86) p-Isopropyltoluene	13.261	119	123633	18.13	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	61214	18.34	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	58078	17.04	ug/l	93
89) n-Butylbenzene	13.585	91	103371	17.98	ug/l	98
90) Hexachloroethane	13.842	117	20335	17.62	ug/l	92
91) 1,2-Dichlorobenzene	13.624	146	60079	17.95	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.241	75	8449	18.18	ug/l	83
93) 1,2,4-Trichlorobenzene	14.878	180	27197	16.78	ug/l	99
94) Hexachlorobutadiene	14.977	225	14436	18.59	ug/l	98
95) Naphthalene	15.100	128	85132	16.70	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	28217	17.14	ug/l	98

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

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