

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065933.D
 Acq On : 18 Feb 2021 11:40
 Operator : JC/MD
 Sample : VN0218WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2021 12:29:21 PM

Quant Time: Feb 19 00:14:12 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	156708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	269929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	248558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	107155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	113842	51.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.90%			
35) Dibromofluoromethane	7.550	113	87264	52.24	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.48%			
50) Toluene-d8	10.058	98	344476	50.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.46%			
62) 4-Bromofluorobenzene	12.373	95	124926	48.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.06%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	38750	18.89	ug/l	98
3) Chloromethane	2.049	50	48036	18.69	ug/l	98
4) Vinyl Chloride	2.177	62	46765	18.47	ug/l	98
5) Bromomethane	2.537	94	30130	19.42	ug/l	95
6) Chloroethane	2.682	64	27069	18.95	ug/l	97
7) Trichlorofluoromethane	3.000	101	59799	18.96	ug/l	98
8) Diethyl Ether	3.386	74	21920	18.94	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.721	101	31479	18.87	ug/l	98
10) Methyl Iodide	3.914	142	47933	18.40	ug/l	94
11) Tert butyl alcohol	4.772	59	28540	93.66	ug/l #	86
12) 1,1-Dichloroethene	3.701	96	32831	18.65	ug/l	94
13) Acrolein	3.576	56	26745	95.91	ug/l	98
14) Allyl chloride	4.277	41	53751	17.89	ug/l	94
15) Acrylonitrile	4.946	53	83622	98.97	ug/l	99
16) Acetone	3.791	43	69781	100.41	ug/l	99
17) Carbon Disulfide	4.010	76	88986	17.75	ug/l	99
18) Methyl Acetate	4.290	43	34872	19.26	ug/l	98
19) Methyl tert-butyl Ether	5.007	73	105452	18.62	ug/l	95
20) Methylene Chloride	4.502	84	38098	18.75	ug/l	95
21) trans-1,2-Dichloroethene	4.997	96	34443m	18.62	ug/l	
22) Diisopropyl ether	5.917	45	115126	19.16	ug/l	97
23) Vinyl Acetate	5.852	43	454408	96.39	ug/l	100
24) 1,1-Dichloroethane	5.801	63	64474	18.57	ug/l	97
25) 2-Butanone	6.801	43	105211	96.99	ug/l	98
26) 2,2-Dichloropropane	6.782	77	51302	18.83	ug/l	96
27) cis-1,2-Dichloroethene	6.785	96	39368	18.68	ug/l	93
28) Bromochloromethane	7.151	49	32770	20.47	ug/l	91
29) Tetrahydrofuran	7.177	42	71756	96.08	ug/l	98
30) Chloroform	7.331	83	65387	19.06	ug/l	100
31) Cyclohexane	7.611	56	58477	17.90	ug/l	94
32) 1,1,1-Trichloroethane	7.531	97	53828	18.71	ug/l	98
36) 1,1-Dichloropropene	7.753	75	49804	18.71	ug/l	98
37) Ethyl Acetate	6.894	43	47494	19.76	ug/l	98
38) Carbon Tetrachloride	7.733	117	45873	18.54	ug/l	94
39) Methylcyclohexane	9.045	83	54517	18.23	ug/l	97
40) Benzene	8.003	78	151523	18.55	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.135	41	22719	19.53	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	53243	19.84	ug/l	99
43) Isopropyl Acetate	8.132	43	73251	19.12	ug/l	93
44) Trichloroethene	8.801	130	38558	19.09	ug/l	96
45) 1,2-Dichloropropane	9.084	63	40634	19.43	ug/l	97
46) Dibromomethane	9.174	93	25524	20.04	ug/l	93
47) Bromodichloromethane	9.370	83	49883	19.23	ug/l	100
48) Methyl methacrylate	9.167	41	36922	19.02	ug/l	96
49) 1,4-Dioxane	9.171	88	12783	386.56	ug/l	92
51) 4-Methyl-2-Pentanone	9.952	43	228200	97.91	ug/l	99
52) Toluene	10.122	92	94196	18.78	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	54124	18.18	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	62210	19.34	ug/l	99
55) 1,1,2-Trichloroethane	10.531	97	36812	19.61	ug/l	98
56) Ethyl methacrylate	10.399	69	53797	19.06	ug/l	96
57) 1,3-Dichloropropane	10.675	76	63455	19.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.662	63	132737	98.52	ug/l	97
59) 2-Hexanone	10.724	43	162439	97.84	ug/l	100
60) Dibromochloromethane	10.871	129	36398	18.97	ug/l	99
61) 1,2-Dibromoethane	10.974	107	37273	19.55	ug/l	100
64) Tetrachloroethene	10.598	164	37219	19.40	ug/l	93
65) Chlorobenzene	11.402	112	99199	19.08	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	34680	19.43	ug/l	98
67) Ethyl Benzene	11.482	91	174754	18.58	ug/l	99
68) m/p-Xylenes	11.592	106	131152	37.36	ug/l	95
69) o-Xylene	11.916	106	64247	18.98	ug/l	95
70) Styrene	11.936	104	106776	19.16	ug/l	98
71) Bromoform	12.096	173	23010	18.56	ug/l #	100
73) Isopropylbenzene	12.219	105	167335	19.13	ug/l	99
74) N-amyl acetate	12.042	43	60670	20.00	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	51903	20.12	ug/l	100
76) 1,2,3-Trichloropropane	12.524	75	46890m	18.22	ug/l	
77) Bromobenzene	12.495	156	39158	19.57	ug/l	84
78) n-propylbenzene	12.563	91	187903	18.89	ug/l	100
79) 2-Chlorotoluene	12.643	91	118964	19.08	ug/l	96
80) 1,3,5-Trimethylbenzene	12.701	105	145119	19.53	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	15206	18.83	ug/l	98
82) 4-Chlorotoluene	12.743	91	119788	19.03	ug/l	97
83) tert-Butylbenzene	12.965	119	118130	19.24	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	143142	19.19	ug/l	99
85) sec-Butylbenzene	13.141	105	152692	19.16	ug/l	100
86) p-Isopropyltoluene	13.257	119	138176	19.10	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	67640	19.10	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	68403	18.91	ug/l	97
89) n-Butylbenzene	13.585	91	113334	18.58	ug/l	99
90) Hexachloroethane	13.842	117	22200	18.12	ug/l	98
91) 1,2-Dichlorobenzene	13.624	146	68760	19.36	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.238	75	9427	19.07	ug/l	89
93) 1,2,4-Trichlorobenzene	14.878	180	31576	18.13	ug/l	99
94) Hexachlorobutadiene	14.977	225	16695	20.25	ug/l	96
95) Naphthalene	15.100	128	95242	17.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	32534	18.43	ug/l	98

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

