

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020921\
 Data File : VN065775.D
 Acq On : 9 Feb 2021 12:41
 Operator : JC/MD
 Sample : VN0209WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0209WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/10/2021 10:07:58 AM

Quant Time: Feb 09 14:18:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	130997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	222531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	204781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	88284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	75567	43.85	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 87.70%			
35) Dibromofluoromethane	7.544	113	66406	50.36	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.72%			
50) Toluene-d8	10.055	98	255427	49.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.56%			
62) 4-Bromofluorobenzene	12.370	95	94878	50.83	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	26130	17.81	ug/l	99
3) Chloromethane	2.039	50	37790	17.52	ug/l	99
4) Vinyl Chloride	2.168	62	38339	17.56	ug/l	99
5) Bromomethane	2.534	94	25644	20.29	ug/l	99
6) Chloroethane	2.676	64	22517	17.83	ug/l	99
7) Trichlorofluoromethane	2.988	101	42637	18.68	ug/l	99
8) Diethyl Ether	3.373	74	19707	18.11	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.711	101	26858	19.39	ug/l	98
10) Methyl Iodide	3.898	142	40644	20.02	ug/l	96
11) Tert butyl alcohol	4.753	59	25762	79.80	ug/l #	86
12) 1,1-Dichloroethene	3.689	96	26639	16.70	ug/l	95
13) Acrolein	3.566	56	18714	80.31	ug/l	95
14) Allyl chloride	4.271	41	46910	15.87	ug/l	91
15) Acrylonitrile	4.933	53	71379	84.88	ug/l	98
16) Acetone	3.775	43	52767	78.65	ug/l	93
17) Carbon Disulfide	3.997	76	71833	14.31	ug/l	96
18) Methyl Acetate	4.280	43	33748	17.95	ug/l	99
19) Methyl tert-butyl Ether	4.994	73	91742	17.23	ug/l	96
20) Methylene Chloride	4.496	84	33149	17.84	ug/l	97
21) trans-1,2-Dichloroethene	4.978	96	28257	16.67	ug/l	94
22) Diisopropyl ether	5.904	45	100679	16.66	ug/l	96
23) Vinyl Acetate	5.843	43	381018	78.93	ug/l	99
24) 1,1-Dichloroethane	5.791	63	55932	17.36	ug/l	98
25) 2-Butanone	6.791	43	86611	82.33	ug/l	98
26) 2,2-Dichloropropane	6.769	77	42042	16.31	ug/l	98
27) cis-1,2-Dichloroethene	6.778	96	35231	18.14	ug/l	98
28) Bromochloromethane	7.145	49	19476	14.39	ug/l	93
29) Tetrahydrofuran	7.171	42	59384	77.83	ug/l	99
30) Chloroform	7.325	83	53081	17.89	ug/l	99
31) Cyclohexane	7.605	56	49984	15.42	ug/l	96
32) 1,1,1-Trichloroethane	7.521	97	41880	17.34	ug/l	98
36) 1,1-Dichloropropene	7.746	75	41685	18.61	ug/l	97
37) Ethyl Acetate	6.881	43	37842	17.61	ug/l	97
38) Carbon Tetrachloride	7.727	117	34045	18.47	ug/l	95
39) Methylcyclohexane	9.042	83	48007	17.57	ug/l	96
40) Benzene	7.997	78	132415	19.36	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.119	41	17079	14.81	ug/l #	100
42) 1,2-Dichloroethane	8.081	62	41108	19.94	ug/l	98
43) Isopropyl Acetate	8.126	43	63079	16.56	ug/l	95
44) Trichloroethene	8.798	130	33730	20.33	ug/l	94
45) 1,2-Dichloropropane	9.081	63	37035	19.68	ug/l	99
46) Dibromomethane	9.171	93	21631	20.81	ug/l	93
47) Bromodichloromethane	9.367	83	40607	18.21	ug/l	98
48) Methyl methacrylate	9.164	41	30342	16.79	ug/l	95
49) 1,4-Dioxane	9.164	88	12214	417.67	ug/l	96
51) 4-Methyl-2-Pentanone	9.949	43	189248	90.12	ug/l	98
52) Toluene	10.119	92	81203	20.05	ug/l	98
53) t-1,3-Dichloropropene	10.347	75	46307	17.83	ug/l	99
54) cis-1,3-Dichloropropene	9.804	75	53982	18.66	ug/l	96
55) 1,1,2-Trichloroethane	10.531	97	32550	21.07	ug/l	97
56) Ethyl methacrylate	10.396	69	47605	18.63	ug/l	94
57) 1,3-Dichloropropane	10.672	76	55644	20.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	96434	81.72	ug/l	96
59) 2-Hexanone	10.720	43	131459	90.16	ug/l	98
60) Dibromochloromethane	10.868	129	31349	19.85	ug/l	100
61) 1,2-Dibromoethane	10.974	107	31540	20.48	ug/l	99
64) Tetrachloroethene	10.598	164	33543	19.55	ug/l	97
65) Chlorobenzene	11.402	112	86939	20.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	29321	19.36	ug/l	98
67) Ethyl Benzene	11.479	91	151390	18.81	ug/l	99
68) m/p-Xylenes	11.589	106	115467	39.63	ug/l	99
69) o-Xylene	11.916	106	56313	19.95	ug/l	96
70) Styrene	11.933	104	92088	19.82	ug/l	100
71) Bromoform	12.097	173	19017	18.16	ug/l #	97
73) Isopropylbenzene	12.219	105	145083	18.77	ug/l	100
74) N-amyl acetate	12.042	43	52586	16.08	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.473	83	43799	19.19	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	40572m	17.57	ug/l	
77) Bromobenzene	12.495	156	34711	20.74	ug/l	87
78) n-propylbenzene	12.560	91	161985	17.78	ug/l	100
79) 2-Chlorotoluene	12.643	91	99154	18.33	ug/l	99
80) 1,3,5-Trimethylbenzene	12.701	105	124054	18.85	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	13187	14.63	ug/l	98
82) 4-Chlorotoluene	12.743	91	101289	18.34	ug/l	96
83) tert-Butylbenzene	12.961	119	102916	18.75	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	124613	18.98	ug/l	100
85) sec-Butylbenzene	13.142	105	136143	18.38	ug/l	99
86) p-Isopropyltoluene	13.257	119	121122	18.51	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	59726	20.02	ug/l	98
88) 1,4-Dichlorobenzene	13.331	146	60310	19.92	ug/l	98
89) n-Butylbenzene	13.585	91	101473	17.27	ug/l	99
90) Hexachloroethane	13.842	117	19350	16.90	ug/l	98
91) 1,2-Dichlorobenzene	13.624	146	59691	20.17	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	7048	15.56	ug/l	95
93) 1,2,4-Trichlorobenzene	14.878	180	28904	18.39	ug/l	99
94) Hexachlorobutadiene	14.977	225	14041	19.32	ug/l	97
95) Naphthalene	15.100	128	83916	17.11	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	29130	18.39	ug/l	99

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

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