

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065418.D
 Acq On : 7 Jan 2021 11:29
 Operator : JC/MD
 Sample : VN0107WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0107WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/8/2021 11:02:42 AM

Quant Time: Jan 08 01:14:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	320476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	466679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	429999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	204221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	165412	45.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 91.44%			
35) Dibromofluoromethane	7.553	113	144483	51.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.64%			
50) Toluene-d8	10.058	98	547301	51.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.72%			
62) 4-Bromofluorobenzene	12.373	95	191269	46.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.52%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	48475	16.35	ug/l	99
3) Chloromethane	2.055	50	59690	17.69	ug/l	100
4) Vinyl Chloride	2.180	62	64125	18.26	ug/l	99
5) Bromomethane	2.537	94	46841	18.77	ug/l	100
6) Chloroethane	2.685	64	41903	18.47	ug/l	97
7) Trichlorofluoromethane	3.000	101	90632	17.25	ug/l	98
8) Diethyl Ether	3.386	74	36974	17.88	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.724	101	54399	18.46	ug/l	98
10) Methyl Iodide	3.913	142	76797	17.25	ug/l	93
11) Tert butyl alcohol	4.769	59	42996	72.63	ug/l	98
12) 1,1-Dichloroethene	3.701	96	54339	17.26	ug/l	98
13) Acrolein	3.576	56	35603	90.48	ug/l	99
14) Allyl chloride	4.280	41	81224	15.65	ug/l	98
15) Acrylonitrile	4.946	53	130244	91.04	ug/l	100
16) Acetone	3.788	43	118157	70.08	ug/l	94
17) Carbon Disulfide	4.013	76	124053	15.40	ug/l	98
18) Methyl Acetate	4.293	43	59727	18.39	ug/l	98
19) Methyl tert-butyl Ether	5.007	73	169734	16.98	ug/l	99
20) Methylene Chloride	4.508	84	62258	17.64	ug/l	97
21) trans-1,2-Dichloroethene	4.991	96	55917	18.09	ug/l	97
22) Diisopropyl ether	5.913	45	181456	17.57	ug/l	97
23) Vinyl Acetate	5.852	43	706210	81.13	ug/l	99
24) 1,1-Dichloroethane	5.801	63	102987	18.18	ug/l	99
25) 2-Butanone	6.801	43	166777	82.11	ug/l	98
26) 2,2-Dichloropropane	6.778	77	85655	15.82	ug/l	98
27) cis-1,2-Dichloroethene	6.785	96	66877	18.59	ug/l	97
28) Bromochloromethane	7.154	49	41702	16.62	ug/l	96
29) Tetrahydrofuran	7.177	42	108550	82.65	ug/l	99
30) Chloroform	7.331	83	106107	18.19	ug/l	100
31) Cyclohexane	7.611	56	87411	16.36	ug/l	97
32) 1,1,1-Trichloroethane	7.531	97	90342	17.10	ug/l	99
36) 1,1-Dichloropropene	7.753	75	79461	18.73	ug/l	98
37) Ethyl Acetate	6.891	43	71173	16.92	ug/l	99
38) Carbon Tetrachloride	7.733	117	76734	17.22	ug/l	98
39) Methylcyclohexane	9.045	83	88563	17.37	ug/l	99
40) Benzene	8.003	78	240875	19.08	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	36823	16.83	ug/l	83
42) 1,2-Dichloroethane	8.087	62	81659	17.50	ug/l	99
43) Isopropyl Acetate	8.132	43	118961	16.41	ug/l	100
44) Trichloroethene	8.801	130	70745	19.42	ug/l	96
45) 1,2-Dichloropropane	9.084	63	63053	19.21	ug/l	98
46) Dibromomethane	9.174	93	41775	18.74	ug/l	91
47) Bromodichloromethane	9.370	83	81504	17.34	ug/l	98
48) Methyl methacrylate	9.167	41	57681	16.39	ug/l	99
49) 1,4-Dioxane	9.171	88	20716	363.24	ug/l	97
51) 4-Methyl-2-Pentanone	9.952	43	351244	86.18	ug/l	100
52) Toluene	10.122	92	153085	19.24	ug/l	100
53) t-1,3-Dichloropropene	10.351	75	88378	16.69	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	99790	17.73	ug/l	99
55) 1,1,2-Trichloroethane	10.534	97	61443	19.52	ug/l	97
56) Ethyl methacrylate	10.399	69	84241	17.28	ug/l	98
57) 1,3-Dichloropropane	10.678	76	101059	19.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.662	63	182726	86.16	ug/l	100
59) 2-Hexanone	10.723	43	247229	82.51	ug/l	100
60) Dibromochloromethane	10.875	129	65360	17.42	ug/l	100
61) 1,2-Dibromoethane	10.977	107	63383	18.76	ug/l	100
64) Tetrachloroethene	10.601	164	80497	19.28	ug/l	94
65) Chlorobenzene	11.405	112	171180	19.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	63655	18.69	ug/l	99
67) Ethyl Benzene	11.482	91	289968	18.39	ug/l	99
68) m/p-Xylenes	11.595	106	223935	37.69	ug/l	98
69) o-Xylene	11.920	106	107466	18.63	ug/l	100
70) Styrene	11.936	104	181373	18.85	ug/l	99
71) Bromoform	12.100	173	48089	16.40	ug/l #	97
73) Isopropylbenzene	12.222	105	283755	18.24	ug/l	100
74) N-amyl acetate	12.042	43	97814	15.79	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	79430	18.94	ug/l	99
76) 1,2,3-Trichloropropane	12.527	75	72605m	17.43	ug/l	
77) Bromobenzene	12.498	156	78309	19.27	ug/l	88
78) n-propylbenzene	12.566	91	315688	17.98	ug/l	99
79) 2-Chlorotoluene	12.646	91	191717	18.54	ug/l	98
80) 1,3,5-Trimethylbenzene	12.707	105	241659	18.22	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	24559	14.86	ug/l	88
82) 4-Chlorotoluene	12.746	91	194634	18.28	ug/l	97
83) tert-Butylbenzene	12.968	119	205388	18.18	ug/l	98
84) 1,2,4-Trimethylbenzene	13.013	105	241371	18.69	ug/l	99
85) sec-Butylbenzene	13.145	105	264889	17.67	ug/l	99
86) p-Isopropyltoluene	13.264	119	248193	18.06	ug/l	98
87) 1,3-Dichlorobenzene	13.257	146	128108	18.84	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	127182	18.64	ug/l	97
89) n-Butylbenzene	13.588	91	200955	17.11	ug/l	99
90) Hexachloroethane	13.846	117	39333	16.65	ug/l	83
91) 1,2-Dichlorobenzene	13.627	146	128918	19.75	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	13671	15.82	ug/l	87
93) 1,2,4-Trichlorobenzene	14.884	180	60497	16.95	ug/l	98
94) Hexachlorobutadiene	14.981	225	44777	17.38	ug/l	99
95) Naphthalene	15.103	128	144363	16.09	ug/l	100
96) 1,2,3-Trichlorobenzene	15.283	180	57312	17.52	ug/l	98

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

