

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022221\
 Data File : VN065952.D
 Acq On : 22 Feb 2021 12:08
 Operator : JC/MD
 Sample : VN0222WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/23/2021 11:49:06 AM

Quant Time: Feb 22 15:11:00 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	140810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	242964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	223266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	100416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	97168	49.35	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.70%		
35) Dibromofluoromethane	7.550	113	73124	48.63	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.26%		
50) Toluene-d8	10.058	98	297883	48.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.52%		
62) 4-Bromofluorobenzene	12.373	95	111759	48.23	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.46%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.853	85	32371	17.56	ug/l	99
3) Chloromethane	2.055	50	39814	17.24	ug/l	99
4) Vinyl Chloride	2.184	62	39084	17.18	ug/l	97
5) Bromomethane	2.553	94	25306	18.15	ug/l	100
6) Chloroethane	2.692	64	21311	16.60	ug/l	100
7) Trichlorofluoromethane	3.007	101	51927	18.33	ug/l	98
8) Diethyl Ether	3.393	74	18986	18.26	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.733	101	26430	17.63	ug/l	97
10) Methyl Iodide	3.930	142	35177	15.03	ug/l	98
11) Tert butyl alcohol	4.749	59	29307	107.04	ug/l	99
12) 1,1-Dichloroethene	3.711	96	27120	17.15	ug/l	93
13) Acrolein	3.582	56	23728	94.70	ug/l	97
14) Allyl chloride	4.290	41	49140	18.20	ug/l	97
15) Acrylonitrile	4.946	53	69521	91.57	ug/l	97
16) Acetone	3.788	43	61808	98.95	ug/l	97
17) Carbon Disulfide	4.026	76	81427	18.08	ug/l	98
18) Methyl Acetate	4.290	43	30120	18.51	ug/l	100
19) Methyl tert-butyl Ether	5.007	73	96894	19.04	ug/l	100
20) Methylene Chloride	4.518	84	31989	17.52	ug/l	94
21) trans-1,2-Dichloroethene	5.000	96	30497	18.35	ug/l	95
22) Diisopropyl ether	5.910	45	97092	17.98	ug/l	97
23) Vinyl Acetate	5.852	43	394982	93.24	ug/l	99
24) 1,1-Dichloroethane	5.804	63	56398	18.07	ug/l	99
25) 2-Butanone	6.791	43	89233	91.55	ug/l	99
26) 2,2-Dichloropropane	6.778	77	52606	21.49	ug/l	99
27) cis-1,2-Dichloroethene	6.788	96	34469	18.21	ug/l	92
28) Bromochloromethane	7.155	49	23957	16.66	ug/l	92
29) Tetrahydrofuran	7.171	42	57848	86.20	ug/l	96
30) Chloroform	7.331	83	56966	18.48	ug/l	100
31) Cyclohexane	7.618	56	53428	18.20	ug/l	93
32) 1,1,1-Trichloroethane	7.531	97	50619	19.58	ug/l	99
36) 1,1-Dichloropropene	7.753	75	43055	17.97	ug/l	96
37) Ethyl Acetate	6.884	43	36525	16.88	ug/l	94
38) Carbon Tetrachloride	7.737	117	41066	18.44	ug/l	95
39) Methylcyclohexane	9.045	83	50542	18.77	ug/l	97
40) Benzene	8.003	78	132677	18.05	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	18952	18.10	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	46687	19.33	ug/l	98
43) Isopropyl Acetate	8.126	43	68135	19.76	ug/l	100
44) Trichloroethene	8.801	130	35079	19.30	ug/l	99
45) 1,2-Dichloropropane	9.081	63	33614	17.86	ug/l	99
46) Dibromomethane	9.174	93	21317	18.59	ug/l	94
47) Bromodichloromethane	9.370	83	45761	19.60	ug/l	98
48) Methyl methacrylate	9.161	41	31836	18.22	ug/l	96
49) 1,4-Dioxane	9.164	88	12021	403.86	ug/l #	93
51) 4-Methyl-2-Pentanone	9.949	43	186113	88.71	ug/l	99
52) Toluene	10.122	92	85060	18.84	ug/l	94
53) t-1,3-Dichloropropene	10.351	75	54323	20.05	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	58134	20.08	ug/l	97
55) 1,1,2-Trichloroethane	10.531	97	31452	18.62	ug/l	98
56) Ethyl methacrylate	10.396	69	49058	19.31	ug/l	98
57) 1,3-Dichloropropane	10.675	76	53817	18.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	109258	90.09	ug/l	98
59) 2-Hexanone	10.720	43	133268	89.18	ug/l	99
60) Dibromochloromethane	10.871	129	33347	19.31	ug/l	100
61) 1,2-Dibromoethane	10.974	107	31877	18.57	ug/l	98
64) Tetrachloroethene	10.601	164	35112	20.37	ug/l	96
65) Chlorobenzene	11.402	112	87230	18.68	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	32050	19.99	ug/l	98
67) Ethyl Benzene	11.482	91	161248	19.08	ug/l	98
68) m/p-Xylenes	11.592	106	123034	39.02	ug/l	99
69) o-Xylene	11.916	106	58570	19.26	ug/l	97
70) Styrene	11.936	104	96543	19.29	ug/l	97
71) Bromoform	12.100	173	20572	18.49	ug/l #	98
73) Isopropylbenzene	12.219	105	154603	18.86	ug/l	99
74) N-amyl acetate	12.042	43	51612	18.15	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	43716	18.08	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	45095m	18.69	ug/l	
77) Bromobenzene	12.498	156	35430	18.89	ug/l	87
78) n-propylbenzene	12.563	91	171440	18.39	ug/l	100
79) 2-Chlorotoluene	12.646	91	108153	18.51	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	134132	19.26	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.273	75	14829	19.59	ug/l	94
82) 4-Chlorotoluene	12.746	91	110196	18.68	ug/l	98
83) tert-Butylbenzene	12.965	119	111563	19.39	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	134104	19.19	ug/l	99
85) sec-Butylbenzene	13.145	105	142175	19.04	ug/l	98
86) p-Isopropyltoluene	13.260	119	128868	19.00	ug/l	98
87) 1,3-Dichlorobenzene	13.254	146	64523	19.44	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	61336	18.09	ug/l	94
89) n-Butylbenzene	13.585	91	111434	19.49	ug/l	99
90) Hexachloroethane	13.846	117	16968	14.78	ug/l	92
91) 1,2-Dichlorobenzene	13.624	146	62440	18.76	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	9807	21.08	ug/l	83
93) 1,2,4-Trichlorobenzene	14.881	180	36201	21.63	ug/l	98
94) Hexachlorobutadiene	14.977	225	15481	20.04	ug/l	98
95) Naphthalene	15.100	128	119105	22.26	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	36135	21.44	ug/l	97

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

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