

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066020.D
 Acq On : 25 Feb 2021 11:44
 Operator : JC/MD
 Sample : VN0225WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/26/2021 11:47:15 AM

Quant Time: Feb 26 01:17:02 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	7.624	168	100489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	169313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	152870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	70091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	72037	51.26	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.52%			
35) Dibromofluoromethane	7.550	113	51809	49.44	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.88%			
50) Toluene-d8	10.058	98	204136	47.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.92%			
62) 4-Bromofluorobenzene	12.373	95	76739	47.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.04%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.852	85	21743	16.53	ug/l	100
3) Chloromethane	2.055	50	25118	15.24	ug/l	98
4) Vinyl Chloride	2.184	62	25713	15.83	ug/l	98
5) Bromomethane	2.550	94	17321	17.41	ug/l	95
6) Chloroethane	2.692	64	14089	15.38	ug/l	98
7) Trichlorofluoromethane	3.007	101	38804	19.19	ug/l	100
8) Diethyl Ether	3.389	74	13078	17.62	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.737	101	18181	17.00	ug/l	99
10) Methyl Iodide	3.926	142	25810	15.45	ug/l	95
11) Tert butyl alcohol	4.740	59	20250	103.64	ug/l #	83
12) 1,1-Dichloroethene	3.711	96	18791	16.65	ug/l	92
13) Acrolein	3.579	56	17600	98.43	ug/l	97
14) Allyl chloride	4.290	41	33586	17.43	ug/l	99
15) Acrylonitrile	4.942	53	46635	86.07	ug/l	98
16) Acetone	3.788	43	41967	94.07	ug/l	93
17) Carbon Disulfide	4.026	76	53820	16.74	ug/l	99
18) Methyl Acetate	4.290	43	20999	18.08	ug/l	97
19) Methyl tert-butyl Ether	5.003	73	70647	19.46	ug/l	99
20) Methylene Chloride	4.518	84	22284	17.10	ug/l	95
21) trans-1,2-Dichloroethene	5.003	96	21363	18.01	ug/l	98
22) Diisopropyl ether	5.910	45	64635	16.77	ug/l	95
23) Vinyl Acetate	5.849	43	264788	87.59	ug/l	99
24) 1,1-Dichloroethane	5.807	63	39369	17.68	ug/l	99
25) 2-Butanone	6.788	43	59783	85.94	ug/l	96
26) 2,2-Dichloropropane	6.778	77	37833	21.66	ug/l	98
27) cis-1,2-Dichloroethene	6.785	96	24453	18.10	ug/l	92
28) Bromochloromethane	7.158	49	16048	15.64	ug/l	100
29) Tetrahydrofuran	7.171	42	39028	81.50	ug/l	97
30) Chloroform	7.331	83	41424	18.83	ug/l	99
31) Cyclohexane	7.614	56	34067	16.26	ug/l #	91
32) 1,1,1-Trichloroethane	7.531	97	38089	20.64	ug/l	99
36) 1,1-Dichloropropene	7.753	75	30106	18.03	ug/l	99
37) Ethyl Acetate	6.884	43	25529	16.93	ug/l	97
38) Carbon Tetrachloride	7.733	117	32736	21.10	ug/l	97
39) Methylcyclohexane	9.045	83	32401	17.27	ug/l	98
40) Benzene	8.003	78	90247	17.62	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	12782	17.51	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	35435	21.05	ug/l	94
43) Isopropyl Acetate	8.126	43	45297	18.85	ug/l	99
44) Trichloroethene	8.798	130	24577	19.40	ug/l	93
45) 1,2-Dichloropropane	9.084	63	22886	17.45	ug/l	97
46) Dibromomethane	9.171	93	15473	19.36	ug/l	94
47) Bromodichloromethane	9.367	83	34618	21.28	ug/l	97
48) Methyl methacrylate	9.164	41	21997	18.07	ug/l	96
49) 1,4-Dioxane	9.164	88	7946	383.08	ug/l	92
51) 4-Methyl-2-Pentanone	9.949	43	126110	86.26	ug/l	100
52) Toluene	10.122	92	57480	18.27	ug/l	95
53) t-1,3-Dichloropropene	10.347	75	38497	20.35	ug/l	98
54) cis-1,3-Dichloropropene	9.804	75	40919	20.28	ug/l	95
55) 1,1,2-Trichloroethane	10.531	97	21819	18.53	ug/l	99
56) Ethyl methacrylate	10.396	69	32079	18.12	ug/l	99
57) 1,3-Dichloropropane	10.675	76	36615	17.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.659	63	62276	73.69	ug/l	97
59) 2-Hexanone	10.720	43	86592	83.15	ug/l	100
60) Dibromochloromethane	10.871	129	24004	19.95	ug/l	96
61) 1,2-Dibromoethane	10.974	107	22196	18.56	ug/l	97
64) Tetrachloroethene	10.598	164	25091	21.26	ug/l	93
65) Chlorobenzene	11.402	112	61073	19.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	23610	21.50	ug/l	98
67) Ethyl Benzene	11.479	91	111653	19.30	ug/l	99
68) m/p-Xylenes	11.592	106	85154	39.44	ug/l	96
69) o-Xylene	11.920	106	40555	19.48	ug/l	95
70) Styrene	11.936	104	67600	19.72	ug/l	96
71) Bromoform	12.100	173	15516	20.11	ug/l #	99
73) Isopropylbenzene	12.219	105	106783	18.67	ug/l	99
74) N-amyl acetate	12.045	43	29710	14.97	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.476	83	29404	17.42	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	31036m	18.43	ug/l	
77) Bromobenzene	12.498	156	25227	19.27	ug/l	88
78) n-propylbenzene	12.563	91	119061	18.30	ug/l	99
79) 2-Chlorotoluene	12.646	91	74468	18.26	ug/l	97
80) 1,3,5-Trimethylbenzene	12.704	105	93845	19.31	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	9261	17.53	ug/l	93
82) 4-Chlorotoluene	12.743	91	75759	18.40	ug/l	98
83) tert-Butylbenzene	12.965	119	77238	19.24	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	92928	19.05	ug/l	99
85) sec-Butylbenzene	13.141	105	97272	18.66	ug/l	100
86) p-Isopropyltoluene	13.260	119	91073	19.24	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	44720	19.30	ug/l	96
88) 1,4-Dichlorobenzene	13.334	146	43964	18.58	ug/l	95
89) n-Butylbenzene	13.585	91	72292	18.12	ug/l	99
90) Hexachloroethane	13.846	117	13368	16.68	ug/l	90
91) 1,2-Dichlorobenzene	13.624	146	43303	18.64	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.241	75	6506	20.07	ug/l	88
93) 1,2,4-Trichlorobenzene	14.881	180	24088	20.73	ug/l	100
94) Hexachlorobutadiene	14.977	225	10990	20.38	ug/l	97
95) Naphthalene	15.100	128	74086	20.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	24674	21.02	ug/l	98

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

