

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012521\
 Data File : VN065578.D
 Acq On : 25 Jan 2021 15:41
 Operator : JC/MD
 Sample : VN0125WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0125WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/26/2021 2:28:17 PM

Quant Time: Jan 26 01:46:15 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	167390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	299018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	259299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	107480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	103246	46.88	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.76%		
35) Dibromofluoromethane	7.547	113	84460	47.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.32%		
50) Toluene-d8	10.055	98	332662	47.76	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.52%		
62) 4-Bromofluorobenzene	12.370	95	120171	47.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.82%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	34881	18.60	ug/l	99
3) Chloromethane	2.036	50	51616	18.73	ug/l	100
4) Vinyl Chloride	2.168	62	51269	18.37	ug/l	100
5) Bromomethane	2.544	94	31505	19.51	ug/l	96
6) Chloroethane	2.682	64	30575	18.94	ug/l	100
7) Trichlorofluoromethane	2.994	101	54673	18.74	ug/l	99
8) Diethyl Ether	3.380	74	25271	18.17	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.717	101	33659	19.01	ug/l	94
10) Methyl Iodide	3.910	142	45478	17.53	ug/l	97
11) Tert butyl alcohol	4.756	59	38081	92.32	ug/l	97
12) 1,1-Dichloroethene	3.698	96	35780	17.56	ug/l	97
13) Acrolein	3.570	56	31414	99.83	ug/l	97
14) Allyl chloride	4.270	41	70026	18.54	ug/l	94
15) Acrylonitrile	4.936	53	97519	90.75	ug/l	99
16) Acetone	3.782	43	76167	88.85	ug/l	97
17) Carbon Disulfide	4.004	76	111548	17.39	ug/l	97
18) Methyl Acetate	4.283	43	42927	17.87	ug/l	95
19) Methyl tert-butyl Ether	4.997	73	124675	18.33	ug/l	93
20) Methylene Chloride	4.499	84	42524	17.91	ug/l	97
21) trans-1,2-Dichloroethene	4.981	96	39491	18.24	ug/l	89
22) Diisopropyl ether	5.907	45	143834	18.63	ug/l	94
23) Vinyl Acetate	5.846	43	576684	93.49	ug/l	97
24) 1,1-Dichloroethane	5.795	63	77719	18.88	ug/l	97
25) 2-Butanone	6.791	43	122155	90.87	ug/l	96
26) 2,2-Dichloropropane	6.772	77	62757	19.05	ug/l	98
27) cis-1,2-Dichloroethene	6.778	96	45145	18.19	ug/l	91
28) Bromochloromethane	7.148	49	29609	17.12	ug/l #	81
29) Tetrahydrofuran	7.174	42	83573	85.72	ug/l	97
30) Chloroform	7.325	83	69976	18.46	ug/l	96
31) Cyclohexane	7.608	56	75102	18.13	ug/l	93
32) 1,1,1-Trichloroethane	7.524	97	56736	18.38	ug/l	97
36) 1,1-Dichloropropene	7.749	75	56386	18.74	ug/l	97
37) Ethyl Acetate	6.885	43	55158	19.11	ug/l #	87
38) Carbon Tetrachloride	7.730	117	47344	19.11	ug/l	98
39) Methylcyclohexane	9.042	83	68748	18.73	ug/l	94
40) Benzene	7.997	78	171862	18.70	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	25966	16.75	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	54239	19.58	ug/l	100
43) Isopropyl Acetate	8.126	43	92893	18.15	ug/l #	92
44) Trichloroethene	8.798	130	41644	18.68	ug/l	93
45) 1,2-Dichloropropane	9.081	63	47688	18.86	ug/l	98
46) Dibromomethane	9.171	93	26425	18.92	ug/l	92
47) Bromodichloromethane	9.367	83	55394	18.49	ug/l	98
48) Methyl methacrylate	9.164	41	44117	18.17	ug/l	92
49) 1,4-Dioxane	9.171	88	14765	375.75	ug/l	88
51) 4-Methyl-2-Pentanone	9.949	43	264684	93.80	ug/l	100
52) Toluene	10.119	92	101849	18.71	ug/l	99
53) t-1,3-Dichloropropene	10.347	75	63956	18.33	ug/l	100
54) cis-1,3-Dichloropropene	9.804	75	72997	18.78	ug/l	99
55) 1,1,2-Trichloroethane	10.527	97	38608	18.60	ug/l	95
56) Ethyl methacrylate	10.396	69	64312	18.73	ug/l	96
57) 1,3-Dichloropropane	10.675	76	69352	18.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	146378	92.31	ug/l	92
59) 2-Hexanone	10.720	43	183264	93.54	ug/l	100
60) Dibromochloromethane	10.868	129	38701	18.24	ug/l	95
61) 1,2-Dibromoethane	10.974	107	38479	18.60	ug/l	100
64) Tetrachloroethene	10.598	164	40594	18.68	ug/l	95
65) Chlorobenzene	11.402	112	102199	18.84	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.479	131	36037	18.79	ug/l	98
67) Ethyl Benzene	11.479	91	191627	18.81	ug/l	96
68) m/p-Xylenes	11.589	106	138383	37.51	ug/l	95
69) o-Xylene	11.916	106	67632	18.92	ug/l	96
70) Styrene	11.933	104	113347	19.26	ug/l	99
71) Bromoform	12.097	173	25256	19.05	ug/l #	99
73) Isopropylbenzene	12.219	105	178922	19.01	ug/l	99
74) N-amyl acetate	12.039	43	74246	18.65	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.473	83	50694	18.24	ug/l	99
76) 1,2,3-Trichloropropane	12.521	75	48779m	17.36	ug/l	
77) Bromobenzene	12.495	156	38819	19.05	ug/l	76
78) n-propylbenzene	12.560	91	206277	18.60	ug/l	96
79) 2-Chlorotoluene	12.643	91	123509	18.75	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	152381	19.02	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.273	75	19891	18.13	ug/l	94
82) 4-Chlorotoluene	12.743	91	125752	18.70	ug/l	94
83) tert-Butylbenzene	12.965	119	126060	18.87	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	149765	18.74	ug/l	100
85) sec-Butylbenzene	13.142	105	168893	18.72	ug/l	99
86) p-Isopropyltoluene	13.260	119	150320	18.87	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	68051	18.73	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	67789	18.39	ug/l	96
89) n-Butylbenzene	13.585	91	134839	18.85	ug/l	98
90) Hexachloroethane	13.842	117	26072	18.71	ug/l	95
91) 1,2-Dichlorobenzene	13.624	146	66933	18.57	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.241	75	9969	18.08	ug/l	89
93) 1,2,4-Trichlorobenzene	14.878	180	34301	18.02	ug/l	99
94) Hexachlorobutadiene	14.977	225	17342	19.60	ug/l	97
95) Naphthalene	15.100	128	103878	17.34	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	33962	17.74	ug/l	99

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

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