

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065890.D
 Acq On : 16 Feb 2021 22:15
 Operator : JC/MD
 Sample : M1417-03MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-468-470MS

Manual Integrations
 APPROVED

MMDadoda
 2/17/2021 10:36:14 AM

Quant Time: Feb 17 00:15:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	94947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	163164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	147793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	67907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	59418	47.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.14%			
35) Dibromofluoromethane	7.547	113	54325	56.19	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.38%			
50) Toluene-d8	10.055	98	207029	54.47	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.94%			
62) 4-Bromofluorobenzene	12.373	95	79831	58.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 116.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.833	85	55291	51.99	ug/l	99
3) Chloromethane	2.036	50	71501	45.75	ug/l	99
4) Vinyl Chloride	2.164	62	73870	46.68	ug/l	100
5) Bromomethane	2.512	94	47670	52.03	ug/l	98
6) Chloroethane	2.663	64	42901	46.86	ug/l	100
7) Trichlorofluoromethane	2.984	101	87246	52.73	ug/l	100
8) Diethyl Ether	3.377	74	36078	45.74	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.708	101	50175	49.97	ug/l	99
10) Methyl Iodide	3.897	142	84514	57.42	ug/l	96
11) Tert butyl alcohol	4.769	59	47925	204.83	ug/l	99
12) 1,1-Dichloroethene	3.685	96	54811	47.42	ug/l	92
13) Acrolein	3.566	56	52288	257.97	ug/l	100
14) Allyl chloride	4.267	41	82381	38.45	ug/l	89
15) Acrylonitrile	4.936	53	129798	212.94	ug/l	99
16) Acetone	3.778	43	89967	185.01	ug/l	92
17) Carbon Disulfide	3.994	76	144762	39.78	ug/l	98
18) Methyl Acetate	4.280	43	53426	39.21	ug/l	95
19) Methyl tert-butyl Ether	4.997	73	172038	44.59	ug/l	100
20) Methylene Chloride	4.495	84	62894	46.71	ug/l	93
21) trans-1,2-Dichloroethene	4.981	96	58332	47.49	ug/l	99
22) Diisopropyl ether	5.907	45	170619	38.95	ug/l	93
23) Vinyl Acetate	5.843	43	636426	181.90	ug/l	97
24) 1,1-Dichloroethane	5.791	63	104089	44.59	ug/l	99
25) 2-Butanone	6.794	43	154905	203.16	ug/l	96
26) 2,2-Dichloropropane	6.772	77	72116	38.60	ug/l	97
27) cis-1,2-Dichloroethene	6.775	96	68522	48.68	ug/l	98
28) Bromochloromethane	7.145	49	46739	47.64	ug/l	97
29) Tetrahydrofuran	7.174	42	105623	190.99	ug/l	93
30) Chloroform	7.325	83	102512	47.67	ug/l	99
31) Cyclohexane	7.608	56	91747	39.05	ug/l	97
32) 1,1,1-Trichloroethane	7.527	97	84599	48.33	ug/l	99
36) 1,1-Dichloropropene	7.749	75	80279	48.89	ug/l	99
37) Ethyl Acetate	6.884	43	64222	40.77	ug/l #	93
38) Carbon Tetrachloride	7.727	117	70614	52.24	ug/l	100
39) Methylcyclohexane	9.042	83	89671	44.76	ug/l	98
40) Benzene	8.000	78	253925	50.64	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.122	41	34838m	41.19	ug/l	
42) 1,2-Dichloroethane	8.084	62	75109	49.69	ug/l	97
43) Isopropyl Acetate	8.129	43	106408	38.10	ug/l	95
44) Trichloroethene	8.798	130	65853	54.13	ug/l	98
45) 1,2-Dichloropropane	9.081	63	65103	47.19	ug/l	100
46) Dibromomethane	9.174	93	39837	52.27	ug/l	98
47) Bromodichloromethane	9.367	83	78321	47.91	ug/l	99
48) Methyl methacrylate	9.167	41	53867	40.66	ug/l	91
49) 1,4-Dioxane	9.167	88	23769	1108.55	ug/l	93
51) 4-Methyl-2-Pentanone	9.952	43	330127	214.40	ug/l	94
52) Toluene	10.122	92	160277	53.96	ug/l	97
53) t-1,3-Dichloropropene	10.351	75	87973	46.21	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	98438	46.41	ug/l	93
55) 1,1,2-Trichloroethane	10.531	97	62142	54.85	ug/l	98
56) Ethyl methacrylate	10.399	69	91186	48.68	ug/l #	88
57) 1,3-Dichloropropane	10.675	76	102841	51.58	ug/l	98
59) 2-Hexanone	10.720	43	239243	223.79	ug/l	92
60) Dibromochloromethane	10.871	129	62490	53.97	ug/l	100
61) 1,2-Dibromoethane	10.974	107	62884	55.69	ug/l	98
64) Tetrachloroethene	10.598	164	63089	50.94	ug/l	99
65) Chlorobenzene	11.402	112	171378	55.43	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	59139	54.11	ug/l	99
67) Ethyl Benzene	11.482	91	297144	51.16	ug/l	99
68) m/p-Xylenes	11.592	106	234997	111.76	ug/l	97
69) o-Xylene	11.916	106	113629	55.77	ug/l	97
70) Styrene	11.932	104	181982	54.26	ug/l	99
71) Bromoform	12.096	173	39173	51.85	ug/l #	97
73) Isopropylbenzene	12.219	105	290416	48.85	ug/l	100
74) N-amyl acetate	12.042	43	91788	36.50	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.473	83	83681	47.65	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	80354m	45.25	ug/l	
77) Bromobenzene	12.495	156	70933	55.10	ug/l	95
78) n-propylbenzene	12.563	91	317373	45.29	ug/l	99
79) 2-Chlorotoluene	12.643	91	194770	46.80	ug/l	100
80) 1,3,5-Trimethylbenzene	12.704	105	240846	47.58	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.270	75	26612	38.39	ug/l	92
82) 4-Chlorotoluene	12.743	91	200916	47.29	ug/l	99
83) tert-Butylbenzene	12.965	119	201806	47.80	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	241602	47.85	ug/l	97
85) sec-Butylbenzene	13.141	105	259908	45.61	ug/l	99
86) p-Isopropyltoluene	13.260	119	234409	46.58	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	121808	53.08	ug/l	98
88) 1,4-Dichlorobenzene	13.334	146	119417	51.28	ug/l	98
89) n-Butylbenzene	13.585	91	182765	40.43	ug/l	98
90) Hexachloroethane	13.842	117	38091	43.26	ug/l	97
91) 1,2-Dichlorobenzene	13.624	146	120530	52.94	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	14838	42.58	ug/l	99
93) 1,2,4-Trichlorobenzene	14.878	180	54720	40.35	ug/l	100
94) Hexachlorobutadiene	14.977	225	22344	39.74	ug/l	99
95) Naphthalene	15.100	128	185550	42.71	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	55524	41.38	ug/l	98

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

