

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040821\
 Data File : VN066533.D
 Acq On : 8 Apr 2021 12:08
 Operator : JC/MD
 Sample : VN0408WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 1:53:26 PM

Quant Time: Apr 09 04:32:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	299126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	456947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	430119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	190725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	189054	47.99	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.98%		
35) Dibromofluoromethane	7.504	113	144630	46.44	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.88%		
50) Toluene-d8	10.025	98	553702	46.79	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.58%		
62) 4-Bromofluorobenzene	12.345	95	176212	45.92	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.84%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.818	85	63867	18.89	ug/l	98
3) Chloromethane	2.017	50	77882	17.60	ug/l	100
4) Vinyl Chloride	2.143	62	85671	17.20	ug/l	99
5) Bromomethane	2.505	94	62084	17.12	ug/l	98
6) Chloroethane	2.644	64	57137	17.51	ug/l	98
7) Trichlorofluoromethane	2.958	101	114104	17.43	ug/l	99
8) Diethyl Ether	3.339	74	32877	18.37	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.682	101	51570	18.51	ug/l	99
10) Methyl Iodide	3.867	142	71778	17.65	ug/l	98
11) Tert butyl alcohol	4.685	59	52173	82.08	ug/l #	83
12) 1,1-Dichloroethene	3.658	96	48341	17.39	ug/l	93
13) Acrolein	3.529	56	26724	80.11	ug/l	95
14) Allyl chloride	4.227	41	80536	17.15	ug/l #	87
15) Acrylonitrile	4.878	53	149882	83.19	ug/l	99
16) Acetone	3.733	43	132184	80.06	ug/l	96
17) Carbon Disulfide	3.969	76	148718	16.57	ug/l	100
18) Methyl Acetate	4.232	43	73588	17.82	ug/l	99
19) Methyl tert-butyl Ether	4.937	73	177817	18.19	ug/l	99
20) Methylene Chloride	4.452	84	63781	17.99	ug/l	92
21) trans-1,2-Dichloroethene	4.935	96	55093	17.11	ug/l	96
22) Diisopropyl ether	5.849	45	199455	18.77	ug/l	91
23) Vinyl Acetate	5.793	43	845508	91.20	ug/l	98
24) 1,1-Dichloroethane	5.745	63	110460	18.30	ug/l	99
25) 2-Butanone	6.737	43	201156	81.20	ug/l	98
26) 2,2-Dichloropropane	6.718	77	93528	18.17	ug/l	100
27) cis-1,2-Dichloroethene	6.732	96	65232	17.67	ug/l	99
28) Bromochloromethane	7.102	49	52112	16.67	ug/l	93
29) Tetrahydrofuran	7.118	42	135713	81.65	ug/l	98
30) Chloroform	7.284	83	110195	18.11	ug/l	99
31) Cyclohexane	7.568	56	94627	17.47	ug/l	96
32) 1,1,1-Trichloroethane	7.483	97	92921	17.65	ug/l	98
36) 1,1-Dichloropropene	7.711	75	77420	17.44	ug/l	99
37) Ethyl Acetate	6.831	43	87485	15.92	ug/l	100
38) Carbon Tetrachloride	7.692	117	78259	17.39	ug/l	99
39) Methylcyclohexane	9.011	83	84894	16.71	ug/l	95
40) Benzene	7.963	78	252275	18.14	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.094	41	45093m	16.97	ug/l	
42) 1,2-Dichloroethane	8.048	62	90107	18.55	ug/l	100
43) Isopropyl Acetate	8.086	43	145290	17.07	ug/l	99
44) Trichloroethene	8.767	130	60904	17.01	ug/l	96
45) 1,2-Dichloropropane	9.049	63	68396	18.47	ug/l	97
46) Dibromomethane	9.140	93	43276	17.92	ug/l	98
47) Bromodichloromethane	9.336	83	90981	18.36	ug/l	98
48) Methyl methacrylate	9.132	41	62333	16.50	ug/l	97
49) 1,4-Dioxane	9.135	88	18791	366.63	ug/l	98
51) 4-Methyl-2-Pentanone	9.918	43	426265	84.33	ug/l	100
52) Toluene	10.092	92	152638	18.11	ug/l	98
53) t-1,3-Dichloropropene	10.323	75	94958	18.39	ug/l	95
54) cis-1,3-Dichloropropene	9.776	75	100482	17.73	ug/l	94
55) 1,1,2-Trichloroethane	10.500	97	63129	18.23	ug/l	96
56) Ethyl methacrylate	10.371	69	82261	17.29	ug/l	98
57) 1,3-Dichloropropane	10.645	76	103573	18.17	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	63323	108.93	ug/l	99
59) 2-Hexanone	10.693	43	274886	79.94	ug/l	100
60) Dibromochloromethane	10.840	129	68597	17.89	ug/l	99
61) 1,2-Dibromoethane	10.945	107	62867	17.55	ug/l	100
64) Tetrachloroethene	10.570	164	56484	15.63	ug/l	98
65) Chlorobenzene	11.374	112	158681	17.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	61036	17.96	ug/l	97
67) Ethyl Benzene	11.455	91	275217	17.83	ug/l	99
68) m/p-Xylenes	11.565	106	203785	35.41	ug/l	100
69) o-Xylene	11.892	106	98209	17.55	ug/l	98
70) Styrene	11.908	104	156301	17.13	ug/l	98
71) Bromoform	12.071	173	46420	16.93	ug/l #	98
73) Isopropylbenzene	12.195	105	254456	18.38	ug/l	100
74) N-amyl acetate	12.028	43	25871	16.85	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.447	83	90771	17.60	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	81952m	19.05	ug/l	
77) Bromobenzene	12.468	156	67565	18.41	ug/l	98
78) n-propylbenzene	12.535	91	292683	18.86	ug/l	100
79) 2-Chlorotoluene	12.619	91	180059	19.10	ug/l	99
80) 1,3,5-Trimethylbenzene	12.678	105	215675	18.79	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.251	75	21644	18.21	ug/l	95
82) 4-Chlorotoluene	12.718	91	170004	18.26	ug/l	100
83) tert-Butylbenzene	12.938	119	179801	17.33	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	205909	18.54	ug/l	99
85) sec-Butylbenzene	13.117	105	236606	18.25	ug/l	99
86) p-Isopropyltoluene	13.233	119	201397	18.10	ug/l	98
87) 1,3-Dichlorobenzene	13.227	146	111052	17.64	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	110073	17.74	ug/l	97
89) n-Butylbenzene	13.563	91	175281	17.52	ug/l	96
90) Hexachloroethane	13.815	117	42277	18.18	ug/l	96
91) 1,2-Dichlorobenzene	13.600	146	110792	17.80	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.233	75	15643	16.35	ug/l	84
93) 1,2,4-Trichlorobenzene	14.981	180	60108	17.07	ug/l	99
94) Hexachlorobutadiene	15.107	225	37701	17.41	ug/l	100
95) Naphthalene	15.266	128	146234	14.55	ug/l	99
96) 1,2,3-Trichlorobenzene	15.502	180	56821	16.19	ug/l	97

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

