

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
 Data File : VN066701.D
 Acq On : 21 Apr 2021 16:39
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042121

Manual Integrations
 APPROVED

MMDadoda
 4/22/2021 5:29:21 PM

Quant Time: Apr 22 08:29:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 22 08:25:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.586	168	287273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.514	114	448790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.346	117	417321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	211615	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.948	65	167078	47.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.22%		
35) Dibromofluoromethane	7.508	113	139090	49.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.98%		
50) Toluene-d8	10.026	98	553039	50.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.92%		
62) 4-Bromofluorobenzene	12.344	95	200250	53.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.70%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	168530	52.02	ug/l	98
3) Chloromethane	2.034	50	224003	48.43	ug/l	99
4) Vinyl Chloride	2.163	62	213560	51.91	ug/l	99
5) Bromomethane	2.509	94	125123	53.82	ug/l	97
6) Chloroethane	2.656	64	125638	52.02	ug/l	99
7) Trichlorofluoromethane	2.967	101	232684	52.63	ug/l	98
8) Diethyl Ether	3.354	74	98528	52.39	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.692	101	144846	52.19	ug/l	100
10) Methyl Iodide	3.882	142	220595	50.59	ug/l	99
11) Tert butyl alcohol	4.697	59	115635	260.04	ug/l	100
12) 1,1-Dichloroethene	3.673	96	145666	52.01	ug/l	94
13) Acrolein	3.544	56	103576	210.79	ug/l	98
14) Allyl chloride	4.244	41	281966	52.55	ug/l	94
15) Acrylonitrile	4.888	53	381689	251.80	ug/l	100
16) Acetone	3.748	43	294298	224.02	ug/l	98
17) Carbon Disulfide	3.981	76	452074	50.27	ug/l	98
18) Methyl Acetate	4.247	43	173525	47.63	ug/l	96
19) Methyl tert-butyl Ether	4.947	73	488666	53.43	ug/l	96
20) Methylene Chloride	4.467	84	179268	45.89	ug/l	96
21) trans-1,2-Dichloroethene	4.947	96	162773	52.93	ug/l	93
22) Diisopropyl ether	5.859	45	580693	53.37	ug/l	97
23) Vinyl Acetate	5.800	43	2346788	267.49	ug/l	97
24) 1,1-Dichloroethane	5.754	63	311653	51.58	ug/l	98
25) 2-Butanone	6.738	43	466079	247.32	ug/l	94
26) 2,2-Dichloropropane	6.730	77	254013	51.19	ug/l	99
27) cis-1,2-Dichloroethene	6.736	96	186936	52.42	ug/l	95
28) Bromochloromethane	7.106	49	143760	50.58	ug/l	88
29) Tetrahydrofuran	7.124	42	326303	251.29	ug/l	93
30) Chloroform	7.288	83	295703	52.22	ug/l	98
31) Cyclohexane	7.575	56	291037	50.89	ug/l	94
32) 1,1,1-Trichloroethane	7.487	97	247795	52.37	ug/l	99
36) 1,1-Dichloropropene	7.714	75	228206	54.69	ug/l	99
37) Ethyl Acetate	6.837	43	218358	49.81	ug/l	99
38) Carbon Tetrachloride	7.696	117	208169	52.41	ug/l	99
39) Methylcyclohexane	9.013	83	283059	57.22	ug/l	94
40) Benzene	7.964	78	718137	53.47	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.079	41	84838	43.54	ug/l #	100
42) 1,2-Dichloroethane	8.050	62	224014	52.24	ug/l	99
43) Isopropyl Acetate	8.090	43	360563	51.53	ug/l #	89
44) Trichloroethene	8.766	130	175525	54.94	ug/l	99
45) 1,2-Dichloropropane	9.050	63	193034	52.87	ug/l	100
46) Dibromomethane	9.141	93	113738	53.36	ug/l	99
47) Bromodichloromethane	9.334	83	240703	53.73	ug/l	100
48) Methyl methacrylate	9.133	41	167376	54.52	ug/l	91
49) 1,4-Dioxane	9.133	88	45258	1219.79	ug/l	91
51) 4-Methyl-2-Pentanone	9.919	43	1019902	260.49	ug/l	98
52) Toluene	10.091	92	437109	55.43	ug/l	99
53) t-1,3-Dichloropropene	10.319	75	266832	56.42	ug/l	97
54) cis-1,3-Dichloropropene	9.774	75	298374	55.37	ug/l	98
55) 1,1,2-Trichloroethane	10.501	97	165383	52.96	ug/l	97
56) Ethyl methacrylate	10.370	69	239085	48.38	ug/l	95
57) 1,3-Dichloropropane	10.643	76	282509	53.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.629	63	204379	244.61	ug/l	95
59) 2-Hexanone	10.691	43	668780	229.09	ug/l	98
60) Dibromochloromethane	10.842	129	182856	55.09	ug/l	100
61) 1,2-Dibromoethane	10.944	107	167193	54.49	ug/l	100
64) Tetrachloroethene	10.571	164	155728	52.87	ug/l	99
65) Chlorobenzene	11.373	112	458984	54.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.448	131	169105	54.89	ug/l	99
67) Ethyl Benzene	11.453	91	831328	56.99	ug/l	99
68) m/p-Xylenes	11.563	106	629013	115.69	ug/l	98
69) o-Xylene	11.888	106	306009	57.15	ug/l	99
70) Styrene	11.906	104	505015	50.12	ug/l	99
71) Bromoform	12.070	173	132437	56.69	ug/l #	99
73) Isopropylbenzene	12.191	105	814835	54.18	ug/l	100
74) N-amyl acetate	12.019	43	188514	52.69	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.445	83	250709	49.39	ug/l	100
76) 1,2,3-Trichloropropane	12.496	75	203812m	45.01	ug/l	
77) Bromobenzene	12.467	156	205684	52.86	ug/l	96
78) n-propylbenzene	12.534	91	957633	57.12	ug/l	99
79) 2-Chlorotoluene	12.617	91	562549	50.08	ug/l	100
80) 1,3,5-Trimethylbenzene	12.676	105	698699	54.66	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.242	75	67821	46.31	ug/l	100
82) 4-Chlorotoluene	12.716	91	574878	55.76	ug/l	98
83) tert-Butylbenzene	12.936	119	585746	51.44	ug/l	99
84) 1,2,4-Trimethylbenzene	12.982	105	674766	55.19	ug/l	97
85) sec-Butylbenzene	13.113	105	794838	55.55	ug/l	100
86) p-Isopropyltoluene	13.231	119	701209	58.90	ug/l	100
87) 1,3-Dichlorobenzene	13.226	146	354263	54.08	ug/l	100
88) 1,4-Dichlorobenzene	13.304	146	365669	51.94	ug/l	98
89) n-Butylbenzene	13.558	91	565227	53.31	ug/l	100
90) Hexachloroethane	13.813	117	132137	49.63	ug/l	90
91) 1,2-Dichlorobenzene	13.596	146	346318	51.77	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.216	75	39472	43.61	ug/l	95
93) 1,2,4-Trichlorobenzene	14.851	180	199779	49.95	ug/l	98
94) Hexachlorobutadiene	14.948	225	106132	51.39	ug/l	99
95) Naphthalene	15.068	128	446105	45.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	182321	48.64	ug/l	98

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

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