

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066817.D
 Acq On : 28 Apr 2021 17:03
 Operator : JC/MD
 Sample : M2138-15MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-15DMSD

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 5:52:14 PM

Quant Time: Apr 29 04:30:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.594	168	268774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	457974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	427686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	201159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	169441	49.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.14%		
35) Dibromofluoromethane	7.513	113	148748	52.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.24%		
50) Toluene-d8	10.032	98	566804	51.08	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.16%		
62) 4-Bromofluorobenzene	12.346	95	197731	52.67	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.34%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	145463	49.96	ug/l	99
3) Chloromethane	2.037	50	213365	55.80	ug/l	100
4) Vinyl Chloride	2.163	62	203961	54.62	ug/l	99
5) Bromomethane	2.509	94	113045	46.40	ug/l	96
6) Chloroethane	2.656	64	124669	53.63	ug/l	100
7) Trichlorofluoromethane	2.970	101	226505	50.44	ug/l	99
8) Diethyl Ether	3.359	74	99788	54.77	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.694	101	124285	46.78	ug/l	97
10) Methyl Iodide	3.887	142	216250	53.31	ug/l	97
11) Tert butyl alcohol	4.716	59	149058	279.91	ug/l #	85
12) 1,1-Dichloroethene	3.675	96	139362	51.80	ug/l	99
13) Acrolein	3.549	56	68377	153.73	ug/l	98
14) Allyl chloride	4.249	41	188159	37.24	ug/l	89
15) Acrylonitrile	4.898	53	417127	295.41	ug/l	97
16) Acetone	3.756	43	329515	252.92	ug/l	97
17) Carbon Disulfide	3.984	76	390365	47.30	ug/l	98
18) Methyl Acetate	4.255	43	60796	18.03	ug/l	98
19) Methyl tert-butyl Ether	4.963	73	486072	52.77	ug/l	98
20) Methylene Chloride	4.475	84	177493	53.76	ug/l	98
21) trans-1,2-Dichloroethene	4.955	96	152542	52.72	ug/l	97
22) Diisopropyl ether	5.869	45	505186	50.12	ug/l	90
23) Vinyl Acetate	5.813	43	349035	41.61	ug/l	100
24) 1,1-Dichloroethane	5.759	63	292844	52.44	ug/l	99
25) 2-Butanone	6.752	43	503768	275.03	ug/l	98
26) 2,2-Dichloropropane	6.741	77	19166	4.04	ug/l #	36
27) cis-1,2-Dichloroethene	6.744	96	181550	54.24	ug/l	92
28) Bromochloromethane	7.114	49	132306	51.64	ug/l	97
29) Tetrahydrofuran	7.133	42	343628	274.58	ug/l	100
30) Chloroform	7.293	83	289866	53.48	ug/l	99
31) Cyclohexane	7.580	56	243529	45.61	ug/l	98
32) 1,1,1-Trichloroethane	7.495	97	238872	51.56	ug/l	99
36) 1,1-Dichloropropene	7.717	75	202152	47.51	ug/l	99
37) Ethyl Acetate	6.846	43	72178	15.97	ug/l	99
38) Carbon Tetrachloride	7.701	117	203881	49.96	ug/l	99
39) Methylcyclohexane	9.018	83	217432	43.18	ug/l	99
40) Benzene	7.972	78	686569	51.97	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	88695	43.15	ug/l #	100
42) 1,2-Dichloroethane	8.055	62	210179	47.10	ug/l	98
43) Isopropyl Acetate	8.095	43	173508	24.16	ug/l #	92
44) Trichloroethene	8.771	130	168316	52.38	ug/l	96
45) 1,2-Dichloropropane	9.055	63	183918	52.16	ug/l	100
46) Dibromomethane	9.144	93	113219	52.57	ug/l	97
47) Bromodichloromethane	9.340	83	231770	51.36	ug/l	99
48) Methyl methacrylate	9.139	41	157812	50.38	ug/l	96
49) 1,4-Dioxane	9.139	88	62344	1330.11	ug/l	96
51) 4-Methyl-2-Pentanone	9.922	43	1047877	268.47	ug/l	99
52) Toluene	10.096	92	416837	52.46	ug/l	98
53) t-1,3-Dichloropropene	10.324	75	164340	34.03	ug/l	99
54) cis-1,3-Dichloropropene	9.780	75	177749	32.85	ug/l	95
55) 1,1,2-Trichloroethane	10.504	97	168208	55.11	ug/l	97
56) Ethyl methacrylate	10.372	69	233555	46.51	ug/l	95
57) 1,3-Dichloropropane	10.649	76	280041	53.63	ug/l	99
59) 2-Hexanone	10.694	43	701957	230.21	ug/l	96
60) Dibromochloromethane	10.844	129	187405	56.37	ug/l	99
61) 1,2-Dibromoethane	10.946	107	172205	56.24	ug/l	100
64) Tetrachloroethene	10.573	164	291264	102.99	ug/l	97
65) Chlorobenzene	11.375	112	444977	51.73	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.450	131	172177	53.66	ug/l	100
67) Ethyl Benzene	11.456	91	770883	51.10	ug/l	99
68) m/p-Xylenes	11.566	106	586117	105.90	ug/l	99
69) o-Xylene	11.893	106	292819	52.98	ug/l	98
70) Styrene	11.909	104	450303	45.27	ug/l	100
71) Bromoform	12.073	173	138865	59.78	ug/l #	99
73) Isopropylbenzene	12.193	105	742290	50.34	ug/l	99
74) N-amyl acetate	12.051	43	8148	2.34	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.448	83	266411	54.91	ug/l	100
76) 1,2,3-Trichloropropane	12.499	75	157168m	37.07	ug/l	
77) Bromobenzene	12.470	156	199587	54.87	ug/l	97
78) n-propylbenzene	12.537	91	826036	50.79	ug/l	99
79) 2-Chlorotoluene	12.620	91	519722	50.24	ug/l	100
80) 1,3,5-Trimethylbenzene	12.679	105	628656	50.50	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.252	75	22925	20.11	ug/l #	92
82) 4-Chlorotoluene	12.719	91	511442	51.23	ug/l	99
83) tert-Butylbenzene	12.939	119	552726	51.83	ug/l	97
84) 1,2,4-Trimethylbenzene	12.985	105	610258	52.05	ug/l	96
85) sec-Butylbenzene	13.116	105	688879	49.80	ug/l	99
86) p-Isopropyltoluene	13.234	119	596363	50.23	ug/l	98
87) 1,3-Dichlorobenzene	13.229	146	327302	52.92	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	333996	50.81	ug/l	99
89) n-Butylbenzene	13.561	91	423480	41.85	ug/l	99
90) Hexachloroethane	13.816	117	133238	53.63	ug/l	88
91) 1,2-Dichlorobenzene	13.599	146	335155	53.46	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.218	75	43657	50.19	ug/l	100
93) 1,2,4-Trichlorobenzene	14.851	180	183931	52.97	ug/l	99
94) Hexachlorobutadiene	14.948	225	79658	41.37	ug/l	99
95) Naphthalene	15.071	128	530563	59.39	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	184391	54.92	ug/l	98

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

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