

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041921\
 Data File : VN066651.D
 Acq On : 19 Apr 2021 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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4/21/2021 4:30:53 PM

Quant Time: Apr 20 04:52:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.580	168	262225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.514	114	400379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	359151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	179263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.945	65	148171	37.46	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	74.92%		
35) Dibromofluoromethane	7.505	113	118277	42.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	85.20%		
50) Toluene-d8	10.026	98	449998	41.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	82.70%		
62) 4-Bromofluorobenzene	12.346	95	155488	40.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	81.26%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.827	85	148893	46.75	ug/l	100
3) Chloromethane	2.029	50	205993	44.35	ug/l	99
4) Vinyl Chloride	2.160	62	190487	47.09	ug/l	98
5) Bromomethane	2.474	94	34258	13.61	ug/l	100
6) Chloroethane	2.576	64	25482	10.51	ug/l	98
7) Trichlorofluoromethane	2.879	101	220800	47.13	ug/l	99
8) Diethyl Ether	3.340	74	97228	50.77	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.640	101	140793	50.88	ug/l	99
10) Methyl Iodide	3.842	142	183953	47.86	ug/l	97
11) Tert butyl alcohol	4.815	59	126689	199.54	ug/l	99
12) 1,1-Dichloroethene	3.624	96	138256	51.02	ug/l	90
13) Acrolein	3.530	56	60808	179.72	ug/l	97
14) Allyl chloride	4.212	41	288569	247.09	ug/l	93
15) Acrylonitrile	4.893	53	417063	238.65	ug/l	99
16) Acetone	3.764	43	448808	319.76	ug/l	97
17) Carbon Disulfide	3.933	76	413963	45.32	ug/l	99
18) Methyl Acetate	4.241	43	222362	52.19	ug/l	95
19) Methyl tert-butyl Ether	4.947	73	498353	51.93	ug/l	96
20) Methylene Chloride	4.440	84	173027	46.29	ug/l	95
21) trans-1,2-Dichloroethene	4.920	96	155508	50.97	ug/l	91
22) Diisopropyl ether	5.858	45	597549	51.57	ug/l	97
23) Vinyl Acetate	5.791	43	2436182	251.73	ug/l	96
24) 1,1-Dichloroethane	5.735	63	309697	49.08	ug/l	98
25) 2-Butanone	6.754	43	543436	233.05	ug/l	93
26) 2,2-Dichloropropane	6.719	77	259262	51.83	ug/l	98
27) cis-1,2-Dichloroethene	6.725	96	180445	51.05	ug/l	91
28) Bromochloromethane	7.100	49	143514	43.86	ug/l	85
29) Tetrahydrofuran	7.127	42	365096	232.65	ug/l	92
30) Chloroform	7.283	83	298203	50.24	ug/l	97
31) Cyclohexane	7.561	56	273803	48.13	ug/l	90
32) 1,1,1-Trichloroethane	7.481	97	245578	50.09	ug/l	97
36) 1,1-Dichloropropene	7.704	75	219689	54.44	ug/l	99
37) Ethyl Acetate	6.840	43	262529m	57.37	ug/l	
38) Carbon Tetrachloride	7.685	117	205928	54.47	ug/l	98
39) Methylcyclohexane	9.007	83	260458	56.68	ug/l	94
40) Benzene	7.958	78	704578	54.51	ug/l	100

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41) Methacrylonitrile	7.095	41	90973m	43.44	ug/l	
42) 1,2-Dichloroethane	8.044	62	230962	52.04	ug/l	100
43) Isopropyl Acetate	8.095	43	378968	49.58	ug/l #	88
44) Trichloroethene	8.763	130	164585	55.13	ug/l	98
45) 1,2-Dichloropropane	9.047	63	196154	54.51	ug/l	99
46) Dibromomethane	9.138	93	112406	52.08	ug/l	100
47) Bromodichloromethane	9.337	83	238032	53.72	ug/l	100
48) Methyl methacrylate	9.138	41	174605	50.79	ug/l	90
49) 1,4-Dioxane	9.147	88	52785	905.13	ug/l	90
51) 4-Methyl-2-Pentanone	9.927	43	1063116	236.38	ug/l	96
52) Toluene	10.091	92	420440	55.21	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	258084	53.94	ug/l	98
54) cis-1,3-Dichloropropene	9.774	75	293702	55.71	ug/l	95
55) 1,1,2-Trichloroethane	10.504	97	163611	52.00	ug/l	98
56) Ethyl methacrylate	10.375	69	229456	49.50	ug/l	94
57) 1,3-Dichloropropane	10.646	76	278523	52.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	279186	369.71	ug/l	94
59) 2-Hexanone	10.699	43	719193	224.92	ug/l	97
60) Dibromochloromethane	10.844	129	176240	53.69	ug/l	99
61) 1,2-Dibromoethane	10.946	107	161771	52.33	ug/l	100
64) Tetrachloroethene	10.568	164	140827	56.34	ug/l	99
65) Chlorobenzene	11.375	112	420430	53.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	163621	57.72	ug/l	99
67) Ethyl Benzene	11.453	91	772421	56.80	ug/l	98
68) m/p-Xylenes	11.566	106	577967	116.45	ug/l	99
69) o-Xylene	11.890	106	278322	57.47	ug/l	99
70) Styrene	11.909	104	456495	60.49	ug/l	99
71) Bromoform	12.073	173	123903	57.92	ug/l #	98
73) Isopropylbenzene	12.193	105	737356	54.01	ug/l	100
74) N-amyl acetate	12.022	43	203415	49.71	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.451	83	242391	47.71	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	222920m	53.18	ug/l	
77) Bromobenzene	12.469	156	183775	54.56	ug/l	94
78) n-propylbenzene	12.534	91	847725	53.71	ug/l	98
79) 2-Chlorotoluene	12.617	91	502690	52.08	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	620427	53.86	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.247	75	69871	52.17	ug/l	98
82) 4-Chlorotoluene	12.716	91	519268	54.67	ug/l	97
83) tert-Butylbenzene	12.936	119	513056	52.93	ug/l	99
84) 1,2,4-Trimethylbenzene	12.984	105	601348	55.30	ug/l	98
85) sec-Butylbenzene	13.116	105	701126	53.53	ug/l	100
86) p-Isopropyltoluene	13.234	119	608193	56.58	ug/l	100
87) 1,3-Dichlorobenzene	13.226	146	320002	53.74	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	329140	55.48	ug/l	99
89) n-Butylbenzene	13.558	91	501611	55.75	ug/l	99
90) Hexachloroethane	13.816	117	124219	52.25	ug/l	93
91) 1,2-Dichlorobenzene	13.596	146	324861	55.02	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.215	75	40907	47.42	ug/l	95
93) 1,2,4-Trichlorobenzene	14.851	180	185730	55.87	ug/l	98
94) Hexachlorobutadiene	14.948	225	102861	54.75	ug/l	99
95) Naphthalene	15.071	128	435651	47.61	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	175053	51.24	ug/l	98

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

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