

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041921\
 Data File : VN066670.D
 Acq On : 19 Apr 2021 18:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 4/21/2021 4:31:07 PM

Quant Time: Apr 20 04:58:54 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	7.591	168	274320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	424323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	389161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	193056	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	176674	42.69	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.38%		
35) Dibromofluoromethane	7.513	113	143562	48.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.58%		
50) Toluene-d8	10.029	98	545676	47.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.62%		
62) 4-Bromofluorobenzene	12.343	95	195374	48.18	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.36%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	132727	39.83	ug/l	98
3) Chloromethane	2.034	50	184223	37.91	ug/l	100
4) Vinyl Chloride	2.163	62	179036	42.31	ug/l	98
5) Bromomethane	2.501	94	104509	39.68	ug/l	97
6) Chloroethane	2.651	64	107813	42.49	ug/l	99
7) Trichlorofluoromethane	2.967	101	200700	40.95	ug/l	99
8) Diethyl Ether	3.356	74	87287	43.57	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.694	101	123968	42.82	ug/l	99
10) Methyl Iodide	3.884	142	191424	47.61	ug/l	98
11) Tert butyl alcohol	4.705	59	131640	198.20	ug/l	99
12) 1,1-Dichloroethene	3.673	96	124498	43.92	ug/l	92
13) Acrolein	3.547	56	61606	174.05	ug/l	96
14) Allyl chloride	4.246	41	253627	207.59	ug/l	94
15) Acrylonitrile	4.896	53	387902	212.17	ug/l	99
16) Acetone	3.753	43	306140	205.44	ug/l	97
17) Carbon Disulfide	3.984	76	364469	38.14	ug/l	99
18) Methyl Acetate	4.249	43	193244	43.35	ug/l	95
19) Methyl tert-butyl Ether	4.957	73	454018	45.23	ug/l	96
20) Methylene Chloride	4.472	84	158339	40.50	ug/l	94
21) trans-1,2-Dichloroethene	4.949	96	139266	43.63	ug/l	90
22) Diisopropyl ether	5.866	45	539511	44.51	ug/l	97
23) Vinyl Acetate	5.805	43	2198792	217.19	ug/l	96
24) 1,1-Dichloroethane	5.759	63	284358	43.08	ug/l	98
25) 2-Butanone	6.746	43	494147	202.57	ug/l	93
26) 2,2-Dichloropropane	6.735	77	222049	42.43	ug/l	99
27) cis-1,2-Dichloroethene	6.741	96	166657	45.07	ug/l	94
28) Bromochloromethane	7.111	49	133213	38.92	ug/l	85
29) Tetrahydrofuran	7.127	42	338957	206.47	ug/l	93
30) Chloroform	7.291	83	271316	43.70	ug/l	99
31) Cyclohexane	7.577	56	245635	41.27	ug/l	92
32) 1,1,1-Trichloroethane	7.492	97	224439	43.76	ug/l	98
36) 1,1-Dichloropropene	7.717	75	197619	46.21	ug/l	99
37) Ethyl Acetate	6.843	43	218261	45.00	ug/l	97
38) Carbon Tetrachloride	7.698	117	186784	46.62	ug/l	99
39) Methylcyclohexane	9.015	83	230331	47.29	ug/l	93
40) Benzene	7.969	78	636212	46.44	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	93408	42.09	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	211728	45.01	ug/l	99
43) Isopropyl Acetate	8.092	43	362924	44.80	ug/l #	88
44) Trichloroethene	8.771	130	149491	47.24	ug/l	98
45) 1,2-Dichloropropane	9.053	63	178868	46.90	ug/l	100
46) Dibromomethane	9.141	93	105396	46.08	ug/l	99
47) Bromodichloromethane	9.340	83	221736	47.22	ug/l	99
48) Methyl methacrylate	9.136	41	169062	46.40	ug/l	91
49) 1,4-Dioxane	9.136	88	53491	864.80	ug/l	91
51) 4-Methyl-2-Pentanone	9.922	43	1065839	223.61	ug/l	97
52) Toluene	10.093	92	384978	47.70	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	240708	47.47	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	267055	47.80	ug/l	96
55) 1,1,2-Trichloroethane	10.501	97	155390	46.60	ug/l	96
56) Ethyl methacrylate	10.369	69	226064	46.08	ug/l	95
57) 1,3-Dichloropropane	10.646	76	264078	47.25	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	203008	255.32	ug/l	94
59) 2-Hexanone	10.691	43	718110	212.19	ug/l	96
60) Dibromochloromethane	10.841	129	167046	48.02	ug/l	98
61) 1,2-Dibromoethane	10.946	107	155322	47.41	ug/l	99
64) Tetrachloroethene	10.571	164	130055	48.02	ug/l	100
65) Chlorobenzene	11.375	112	408429	48.24	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.450	131	153829	50.08	ug/l	99
67) Ethyl Benzene	11.453	91	734223	49.83	ug/l	98
68) m/p-Xylenes	11.563	106	554793	103.16	ug/l	99
69) o-Xylene	11.890	106	267435	50.97	ug/l	98
70) Styrene	11.909	104	450188	55.05	ug/l	99
71) Bromoform	12.072	173	123025	53.07	ug/l #	98
73) Isopropylbenzene	12.193	105	718414	48.86	ug/l	100
74) N-amyl acetate	12.019	43	208378	47.75	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.448	83	239938	43.85	ug/l	97
76) 1,2,3-Trichloropropane	12.496	75	216857m	48.03	ug/l	
77) Bromobenzene	12.469	156	182152	50.21	ug/l	93
78) n-propylbenzene	12.534	91	832886	49.00	ug/l	99
79) 2-Chlorotoluene	12.617	91	501655	48.26	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	612930	49.41	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.244	75	71657	49.78	ug/l	95
82) 4-Chlorotoluene	12.716	91	506378	49.51	ug/l	98
83) tert-Butylbenzene	12.936	119	513918	49.23	ug/l	99
84) 1,2,4-Trimethylbenzene	12.984	105	592618	50.60	ug/l	98
85) sec-Butylbenzene	13.116	105	699037	49.55	ug/l	99
86) p-Isopropyltoluene	13.234	119	601040	51.92	ug/l	100
87) 1,3-Dichlorobenzene	13.226	146	313226	48.84	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	317502	49.64	ug/l	99
89) n-Butylbenzene	13.558	91	495433	51.13	ug/l	99
90) Hexachloroethane	13.816	117	122440	47.82	ug/l	93
91) 1,2-Dichlorobenzene	13.596	146	309087	48.61	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.215	75	37765	40.65	ug/l	99
93) 1,2,4-Trichlorobenzene	14.851	180	175897	49.13	ug/l	98
94) Hexachlorobutadiene	14.948	225	95449	47.18	ug/l	98
95) Naphthalene	15.071	128	428227	43.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	169168	45.98	ug/l	98

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

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