

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066624.D
 Acq On : 15 Apr 2021 20:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 16 07:54:49 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	7.588	168	202544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	335689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	331115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	156186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	143661	47.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.04%		
35) Dibromofluoromethane	7.511	113	112279	48.23	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.46%		
50) Toluene-d8	10.029	98	447218	49.01	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.02%		
62) 4-Bromofluorobenzene	12.346	95	167823	52.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.62%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	119882	48.73	ug/l	98
3) Chloromethane	2.031	50	167419	46.66	ug/l	100
4) Vinyl Chloride	2.160	62	154220	49.36	ug/l	100
5) Bromomethane	2.485	94	43048	22.13	ug/l	99
6) Chloroethane	2.632	64	90408	48.26	ug/l	98
7) Trichlorofluoromethane	2.954	101	167292	46.23	ug/l	96
8) Diethyl Ether	3.351	74	74985	50.70	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.683	101	102101	47.77	ug/l	98
10) Methyl Iodide	3.876	142	158495	53.39	ug/l	99
11) Tert butyl alcohol	4.716	59	125675	256.27	ug/l	100
12) 1,1-Dichloroethene	3.662	96	104238	49.80	ug/l	90
13) Acrolein	3.541	56	63056	241.28	ug/l	98
14) Allyl chloride	4.239	41	218994	242.76	ug/l	95
15) Acrylonitrile	4.890	53	349686	259.05	ug/l	99
16) Acetone	3.753	43	279500	256.11	ug/l	95
17) Carbon Disulfide	3.976	76	317397	44.99	ug/l	98
18) Methyl Acetate	4.247	43	165311	50.23	ug/l	94
19) Methyl tert-butyl Ether	4.955	73	387614	52.30	ug/l	95
20) Methylene Chloride	4.464	84	135974	47.10	ug/l	93
21) trans-1,2-Dichloroethene	4.947	96	116422	49.40	ug/l	90
22) Diisopropyl ether	5.861	45	462711	51.70	ug/l	95
23) Vinyl Acetate	5.802	43	1977270	264.52	ug/l	96
24) 1,1-Dichloroethane	5.754	63	237942	48.82	ug/l	97
25) 2-Butanone	6.744	43	460623	255.74	ug/l	92
26) 2,2-Dichloropropane	6.733	77	174970	45.28	ug/l	98
27) cis-1,2-Dichloroethene	6.738	96	138584	50.76	ug/l	92
28) Bromochloromethane	7.108	49	114189	45.18	ug/l	82
29) Tetrahydrofuran	7.127	42	312486	257.80	ug/l	92
30) Chloroform	7.288	83	228050	49.75	ug/l	98
31) Cyclohexane	7.575	56	211916	48.23	ug/l	93
32) 1,1,1-Trichloroethane	7.489	97	188924	49.89	ug/l	97
36) 1,1-Dichloropropene	7.714	75	166788	49.30	ug/l	99
37) Ethyl Acetate	6.843	43	194800	50.77	ug/l	98
38) Carbon Tetrachloride	7.696	117	155479	49.05	ug/l	99
39) Methylcyclohexane	9.015	83	199136	51.69	ug/l	93
40) Benzene	7.966	78	539768	49.80	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	94727	53.95	ug/l #	100
42) 1,2-Dichloroethane	8.050	62	181576	48.80	ug/l	99
43) Isopropyl Acetate	8.095	43	327841	51.16	ug/l #	88
44) Trichloroethene	8.768	130	125421	50.10	ug/l	98
45) 1,2-Dichloropropane	9.050	63	150870	50.01	ug/l	99
46) Dibromomethane	9.141	93	89533	49.48	ug/l	98
47) Bromodichloromethane	9.337	83	188454	50.73	ug/l	99
48) Methyl methacrylate	9.136	41	155002	53.77	ug/l	91
49) 1,4-Dioxane	9.136	88	52473	1076.03	ug/l	93
51) 4-Methyl-2-Pentanone	9.922	43	1020099	270.52	ug/l	96
52) Toluene	10.093	92	334765	52.43	ug/l	100
53) t-1,3-Dichloropropene	10.321	75	209426	52.21	ug/l	97
54) cis-1,3-Dichloropropene	9.777	75	227568	51.48	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	133682	50.68	ug/l	96
56) Ethyl methacrylate	10.372	69	209745	53.89	ug/l	91
57) 1,3-Dichloropropane	10.646	76	228729	51.73	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	199649	316.11	ug/l	93
59) 2-Hexanone	10.694	43	704185	261.84	ug/l	96
60) Dibromochloromethane	10.842	129	146681	53.30	ug/l	100
61) 1,2-Dibromoethane	10.946	107	139288	53.74	ug/l	99
64) Tetrachloroethene	10.571	164	106760	46.33	ug/l	100
65) Chlorobenzene	11.375	112	358521	49.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	131562	50.34	ug/l	98
67) Ethyl Benzene	11.453	91	658044	52.49	ug/l	98
68) m/p-Xylenes	11.566	106	496539	108.52	ug/l	97
69) o-Xylene	11.890	106	243830	54.61	ug/l	97
70) Styrene	11.909	104	406916	58.49	ug/l	98
71) Bromoform	12.073	173	110096	55.82	ug/l #	98
73) Isopropylbenzene	12.193	105	647701	54.45	ug/l	100
74) N-amyl acetate	12.019	43	189170	52.40	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.448	83	220707	49.86	ug/l	98
76) 1,2,3-Trichloropropane	12.499	75	253584	69.43	ug/l #	100
77) Bromobenzene	12.467	156	158995	54.18	ug/l	91
78) n-propylbenzene	12.534	91	742206	53.97	ug/l	98
79) 2-Chlorotoluene	12.617	91	450438	53.56	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	543772	54.18	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.244	75	64253	54.95	ug/l	99
82) 4-Chlorotoluene	12.716	91	448057	54.14	ug/l	97
83) tert-Butylbenzene	12.936	119	457934	54.22	ug/l	99
84) 1,2,4-Trimethylbenzene	12.984	105	524989	55.41	ug/l	98
85) sec-Butylbenzene	13.116	105	612814	53.70	ug/l	99
86) p-Isopropyltoluene	13.234	119	526148	56.18	ug/l	100
87) 1,3-Dichlorobenzene	13.226	146	264526	50.99	ug/l	100
88) 1,4-Dichlorobenzene	13.306	146	270911	52.38	ug/l	99
89) n-Butylbenzene	13.558	91	423313	54.00	ug/l	99
90) Hexachloroethane	13.816	117	106042	51.20	ug/l	94
91) 1,2-Dichlorobenzene	13.596	146	263755	51.27	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.215	75	37426	49.79	ug/l	91
93) 1,2,4-Trichlorobenzene	14.851	180	142799	49.30	ug/l	98
94) Hexachlorobutadiene	14.948	225	74095	45.27	ug/l	99
95) Naphthalene	15.071	128	384373	48.21	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	137670	46.25	ug/l	99

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

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