

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
 Data File : VN066731.D
 Acq On : 23 Apr 2021 12:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 4/26/2021 4:54:28 PM

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Quant Time: Apr 23 16:46:32 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	7.588	168	302936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.514	114	460849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.346	117	426820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	218464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	171309	46.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.58%		
35) Dibromofluoromethane	7.508	113	143009	49.55	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.10%		
50) Toluene-d8	10.026	98	566823	50.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.72%		
62) 4-Bromofluorobenzene	12.343	95	198714	51.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.835	85	158014	46.25	ug/l	99
3) Chloromethane	2.037	50	214214	43.92	ug/l	100
4) Vinyl Chloride	2.163	62	205153	47.29	ug/l	100
5) Bromomethane	2.517	94	123331	50.31	ug/l	97
6) Chloroethane	2.659	64	120172	47.18	ug/l	98
7) Trichlorofluoromethane	2.973	101	221251	47.46	ug/l	98
8) Diethyl Ether	3.353	74	94133	47.46	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.697	101	138254	47.24	ug/l	99
10) Methyl Iodide	3.885	142	199445	43.37	ug/l	98
11) Tert butyl alcohol	4.697	59	110080	234.75	ug/l #	86
12) 1,1-Dichloroethene	3.675	96	136300	46.15	ug/l	96
13) Acrolein	3.544	56	97062	187.32	ug/l	99
14) Allyl chloride	4.247	41	260217	45.99	ug/l	93
15) Acrylonitrile	4.888	53	376297	235.41	ug/l	99
16) Acetone	3.748	43	315778	227.95	ug/l	99
17) Carbon Disulfide	3.984	76	424571	44.77	ug/l	98
18) Methyl Acetate	4.247	43	169921	44.23	ug/l	96
19) Methyl tert-butyl Ether	4.949	73	460990	47.80	ug/l	98
20) Methylene Chloride	4.469	84	166458	40.41	ug/l	97
21) trans-1,2-Dichloroethene	4.949	96	151735	46.79	ug/l	93
22) Diisopropyl ether	5.858	45	534601	46.59	ug/l	96
23) Vinyl Acetate	5.799	43	2175165	235.11	ug/l	98
24) 1,1-Dichloroethane	5.754	63	290515	45.60	ug/l	99
25) 2-Butanone	6.741	43	464082	233.53	ug/l	95
26) 2,2-Dichloropropane	6.730	77	236659	45.23	ug/l	100
27) cis-1,2-Dichloroethene	6.735	96	173183	46.05	ug/l	95
28) Bromochloromethane	7.106	49	136281	45.47	ug/l	90
29) Tetrahydrofuran	7.122	42	314637	229.78	ug/l	94
30) Chloroform	7.288	83	276051	46.23	ug/l	99
31) Cyclohexane	7.575	56	265858	44.08	ug/l	94
32) 1,1,1-Trichloroethane	7.486	97	228118	45.72	ug/l	99
36) 1,1-Dichloropropene	7.712	75	212312	49.55	ug/l	99
37) Ethyl Acetate	6.837	43	205397	45.63	ug/l	98
38) Carbon Tetrachloride	7.696	117	197002	48.30	ug/l	99
39) Methylcyclohexane	9.012	83	261130	51.40	ug/l	95
40) Benzene	7.964	78	666336	48.31	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.079	41	87281	43.63	ug/l #	100
42) 1,2-Dichloroethane	8.047	62	207242	47.07	ug/l	99
43) Isopropyl Acetate	8.087	43	341875	47.58	ug/l	98
44) Trichloroethene	8.766	130	163495	49.84	ug/l	99
45) 1,2-Dichloropropane	9.047	63	181142	48.32	ug/l	99
46) Dibromomethane	9.141	93	107460	49.10	ug/l	99
47) Bromodichloromethane	9.337	83	223540	48.60	ug/l	99
48) Methyl methacrylate	9.133	41	155774	49.41	ug/l	93
49) 1,4-Dioxane	9.133	88	45990	1207.09	ug/l	93
51) 4-Methyl-2-Pentanone	9.916	43	976679	242.93	ug/l	99
52) Toluene	10.091	92	405818	50.11	ug/l	98
53) t-1,3-Dichloropropene	10.319	75	247779	51.02	ug/l	97
54) cis-1,3-Dichloropropene	9.774	75	279110	50.44	ug/l	99
55) 1,1,2-Trichloroethane	10.501	97	156869	48.92	ug/l	98
56) Ethyl methacrylate	10.370	69	221429	43.95	ug/l	95
57) 1,3-Dichloropropane	10.646	76	265674	49.25	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.629	63	266623	304.76	ug/l	95
59) 2-Hexanone	10.691	43	642920	215.53	ug/l	99
60) Dibromochloromethane	10.839	129	172108	50.50	ug/l	100
61) 1,2-Dibromoethane	10.943	107	158789	50.40	ug/l	100
64) Tetrachloroethene	10.571	164	145647	48.34	ug/l	98
65) Chlorobenzene	11.373	112	427893	49.30	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.448	131	159026	50.47	ug/l	100
67) Ethyl Benzene	11.450	91	768174	51.49	ug/l	98
68) m/p-Xylenes	11.563	106	586498	105.47	ug/l	99
69) o-Xylene	11.890	106	279720	51.07	ug/l	100
70) Styrene	11.906	104	458294	44.81	ug/l	99
71) Bromoform	12.070	173	123070	51.51	ug/l #	99
73) Isopropylbenzene	12.191	105	746326	48.07	ug/l	100
74) N-amyl acetate	12.019	43	183618	49.71	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.445	83	235895	45.02	ug/l	99
76) 1,2,3-Trichloropropane	12.496	75	209068m	44.72	ug/l	
77) Bromobenzene	12.467	156	188677	46.97	ug/l	97
78) n-propylbenzene	12.534	91	869157	50.22	ug/l	100
79) 2-Chlorotoluene	12.617	91	514419	44.46	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	636050	48.20	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.244	75	62783	42.10	ug/l	97
82) 4-Chlorotoluene	12.714	91	523893	49.22	ug/l	99
83) tert-Butylbenzene	12.936	119	542216	46.12	ug/l	98
84) 1,2,4-Trimethylbenzene	12.982	105	628429	49.79	ug/l	98
85) sec-Butylbenzene	13.113	105	736511	49.86	ug/l	100
86) p-Isopropyltoluene	13.231	119	653994	53.21	ug/l	99
87) 1,3-Dichlorobenzene	13.226	146	335534	49.61	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	342681	47.15	ug/l	98
89) n-Butylbenzene	13.556	91	540215	49.35	ug/l	99
90) Hexachloroethane	13.813	117	124508	45.30	ug/l	91
91) 1,2-Dichlorobenzene	13.596	146	329289	47.68	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.215	75	38161	40.84	ug/l	97
93) 1,2,4-Trichlorobenzene	14.851	180	200513	48.62	ug/l	98
94) Hexachlorobutadiene	14.948	225	105139	49.31	ug/l	99
95) Naphthalene	15.068	128	483013	48.06	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	183713	47.51	ug/l	97

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

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