

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043021\
 Data File : VN066903.D
 Acq On : 30 Apr 2021 12:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/3/2021 11:38:55 AM

Quant Time: May 01 01:44:55 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	7.588	168	309064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	455097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	428226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	219739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	162353	40.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	81.78%		
35) Dibromofluoromethane	7.510	113	148028	52.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.38%		
50) Toluene-d8	10.029	98	576496	52.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.56%		
62) 4-Bromofluorobenzene	12.343	95	211536	56.70	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.40%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	149910	44.77	ug/l	99
3) Chloromethane	2.034	50	203256	46.23	ug/l	100
4) Vinyl Chloride	2.163	62	210924	49.12	ug/l	100
5) Bromomethane	2.503	94	134620	48.05	ug/l	95
6) Chloroethane	2.653	64	127320	47.63	ug/l	99
7) Trichlorofluoromethane	2.967	101	249595	48.34	ug/l	99
8) Diethyl Ether	3.353	74	96888	46.24	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.694	101	147838	48.39	ug/l	96
10) Methyl Iodide	3.882	142	221156	47.41	ug/l	96
11) Tert butyl alcohol	4.705	59	112743	184.12	ug/l	100
12) 1,1-Dichloroethene	3.673	96	145989	47.19	ug/l	96
13) Acrolein	3.544	56	118773	232.23	ug/l	99
14) Allyl chloride	4.244	41	239319	41.19	ug/l	91
15) Acrylonitrile	4.893	53	357371	220.10	ug/l	98
16) Acetone	3.750	43	322650	215.37	ug/l	97
17) Carbon Disulfide	3.981	76	417224	43.96	ug/l	98
18) Methyl Acetate	4.249	43	159569	39.72	ug/l	98
19) Methyl tert-butyl Ether	4.952	73	466287	44.02	ug/l	100
20) Methylene Chloride	4.469	84	175721	46.28	ug/l	94
21) trans-1,2-Dichloroethene	4.949	96	159793	48.03	ug/l	98
22) Diisopropyl ether	5.861	45	482398	41.62	ug/l	100
23) Vinyl Acetate	5.802	43	1939742	201.10	ug/l	98
24) 1,1-Dichloroethane	5.756	63	285629	44.48	ug/l	99
25) 2-Butanone	6.743	43	435907	206.96	ug/l	98
26) 2,2-Dichloropropane	6.733	77	243090	44.59	ug/l	98
27) cis-1,2-Dichloroethene	6.738	96	182225	47.35	ug/l	99
28) Bromochloromethane	7.108	49	124051	42.11	ug/l	96
29) Tetrahydrofuran	7.124	42	283040	196.68	ug/l	97
30) Chloroform	7.288	83	283260	45.45	ug/l	97
31) Cyclohexane	7.575	56	253363	41.26	ug/l	99
32) 1,1,1-Trichloroethane	7.489	97	239220	44.91	ug/l	99
36) 1,1-Dichloropropene	7.714	75	213413	50.47	ug/l	99
37) Ethyl Acetate	6.837	43	185566	41.31	ug/l	96
38) Carbon Tetrachloride	7.696	117	209552	51.68	ug/l	99
39) Methylcyclohexane	9.012	83	270507	54.06	ug/l	98
40) Benzene	7.966	78	678624	51.70	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.081	41	89043m	43.59	ug/l	
42) 1,2-Dichloroethane	8.050	62	200253	45.16	ug/l	97
43) Isopropyl Acetate	8.092	43	303128	42.47	ug/l	93
44) Trichloroethene	8.768	130	179274	56.14	ug/l	95
45) 1,2-Dichloropropane	9.050	63	176300	50.32	ug/l	100
46) Dibromomethane	9.141	93	111640	52.16	ug/l	95
47) Bromodichloromethane	9.337	83	229955	51.28	ug/l	98
48) Methyl methacrylate	9.136	41	136277	43.78	ug/l	90
49) 1,4-Dioxane	9.133	88	50705	1088.63	ug/l	98
51) 4-Methyl-2-Pentanone	9.919	43	879430	226.74	ug/l	96
52) Toluene	10.093	92	434255	55.00	ug/l	97
53) t-1,3-Dichloropropene	10.321	75	253365	52.79	ug/l	99
54) cis-1,3-Dichloropropene	9.777	75	286188	53.23	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	165910	54.70	ug/l	99
56) Ethyl methacrylate	10.369	69	228346	45.81	ug/l #	91
57) 1,3-Dichloropropane	10.646	76	272348	52.48	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	220413	222.50	ug/l	100
59) 2-Hexanone	10.691	43	597820	200.09	ug/l	94
60) Dibromochloromethane	10.841	129	190685	57.72	ug/l	100
61) 1,2-Dibromoethane	10.946	107	171420	56.34	ug/l	99
64) Tetrachloroethene	10.571	164	161874	57.17	ug/l	97
65) Chlorobenzene	11.375	112	468202	54.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	176337	54.89	ug/l	99
67) Ethyl Benzene	11.453	91	809909	53.62	ug/l	100
68) m/p-Xylenes	11.566	106	634110	114.43	ug/l	98
69) o-Xylene	11.890	106	304527	55.03	ug/l	98
70) Styrene	11.906	104	502751	50.13	ug/l	99
71) Bromoform	12.072	173	137494	59.11	ug/l #	98
73) Isopropylbenzene	12.193	105	811340	50.37	ug/l	98
74) N-amyl acetate	12.019	43	138188	36.33	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.448	83	249593	47.09	ug/l	98
76) 1,2,3-Trichloropropane	12.496	75	219913m	47.48	ug/l	
77) Bromobenzene	12.467	156	210169	52.89	ug/l	97
78) n-propylbenzene	12.534	91	931254	52.42	ug/l	98
79) 2-Chlorotoluene	12.617	91	558090	49.39	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	699340	51.42	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.244	75	70998	43.87	ug/l	87
82) 4-Chlorotoluene	12.716	91	565707	51.88	ug/l	100
83) tert-Butylbenzene	12.936	119	589399	50.60	ug/l	97
84) 1,2,4-Trimethylbenzene	12.984	105	672409	52.50	ug/l	95
85) sec-Butylbenzene	13.116	105	797768	52.80	ug/l	99
86) p-Isopropyltoluene	13.234	119	715259	55.15	ug/l	98
87) 1,3-Dichlorobenzene	13.226	146	371830	55.04	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	385378	53.67	ug/l	99
89) n-Butylbenzene	13.558	91	577371	52.24	ug/l	99
90) Hexachloroethane	13.816	117	135488	49.92	ug/l	85
91) 1,2-Dichlorobenzene	13.596	146	363350	53.06	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.218	75	40461	42.58	ug/l	96
93) 1,2,4-Trichlorobenzene	14.851	180	229466	60.50	ug/l	98
94) Hexachlorobutadiene	14.950	225	118513	56.34	ug/l	99
95) Naphthalene	15.071	128	545336	55.88	ug/l	100
96) 1,2,3-Trichlorobenzene	15.251	180	214702	58.54	ug/l	98

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

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