

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069200.D
 Acq On : 26 Oct 2021 21:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 5:05:49 PM

Quant Time: Oct 27 09:23:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	231262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	410684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	391558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	169744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	174090	57.095	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.200%			
35) Dibromofluoromethane	8.021	113	134886	56.452	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.900%			
50) Toluene-d8	10.443	98	533236	55.776	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.560%			
62) 4-Bromofluorobenzene	12.734	95	206447	57.235	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	132553	46.128	ug/l	99
3) Chloromethane	2.301	50	141320	49.996	ug/l	100
4) Vinyl Chloride	2.440	62	168863	58.816	ug/l	100
5) Bromomethane	2.818	94	108077	68.437	ug/l	100
6) Chloroethane	2.993	64	108459	64.101	ug/l	100
7) Trichlorofluoromethane	3.360	101	226879	56.434	ug/l	99
8) Diethyl Ether	3.824	74	84366	56.259	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.208	101	122774	56.794	ug/l	99
10) Methyl Iodide	4.422	142	157971	50.349	ug/l	97
11) Tert butyl alcohol	5.372	59	196636	352.930	ug/l	100
12) 1,1-Dichloroethene	4.178	96	117933	52.776	ug/l	98
13) Acrolein	4.039	56	64853	263.128	ug/l	98
14) Allyl chloride	4.838	41	210035	52.432	ug/l	97
15) Acrylonitrile	5.554	53	441064	353.297	ug/l	98
16) Acetone	4.285	43	381319	335.117	ug/l	99
17) Carbon Disulfide	4.529	76	267719	44.145	ug/l	99
18) Methyl Acetate	4.854	43	304899	70.645	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	491943	59.124	ug/l	100
20) Methylene Chloride	5.095	84	146286	55.856	ug/l	99
21) trans-1,2-Dichloroethene	5.597	96	127545	52.832	ug/l	96
22) Diisopropyl ether	6.495	45	471076	56.549	ug/l	99
23) Vinyl Acetate	6.434	43	1845044	292.972	ug/l	99
24) 1,1-Dichloroethane	6.388	63	257454	56.882	ug/l	99
25) 2-Butanone	7.335	43	623573	362.406	ug/l	97
26) 2,2-Dichloropropane	7.329	77	216127	50.106	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	162975	55.846	ug/l	98
28) Bromochloromethane	7.659	49	118061	57.592	ug/l	96
29) Tetrahydrofuran	7.683	42	407741	365.331	ug/l	97
30) Chloroform	7.817	83	286269	60.015	ug/l	100
31) Cyclohexane	8.096	56	225164	47.494	ug/l	96
32) 1,1,1-Trichloroethane	8.013	97	253131	56.926	ug/l	99
36) 1,1-Dichloropropene	8.222	75	194380	55.412	ug/l	100
37) Ethyl Acetate	7.412	43	239316	66.056	ug/l	99
38) Carbon Tetrachloride	8.206	117	213022	55.293	ug/l	98
39) Methylcyclohexane	9.462	83	232948	51.594	ug/l	97
40) Benzene	8.461	78	603648	56.512	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	113439	62.115	ug/l	91
42) 1,2-Dichloroethane	8.531	62	231448	61.188	ug/l	100
43) Isopropyl Acetate	8.560	43	398041	62.269	ug/l	99
44) Trichloroethene	9.217	130	146844	54.929	ug/l	99
45) 1,2-Dichloropropane	9.491	63	157636	56.872	ug/l	98
46) Dibromomethane	9.577	93	114420	60.475	ug/l	99
47) Bromodichloromethane	9.765	83	224067	57.149	ug/l	99
48) Methyl methacrylate	9.561	41	174626	58.141	ug/l	88
49) 1,4-Dioxane	9.569	88	85060	1436.906	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	1311313	353.786	ug/l	99
52) Toluene	10.505	92	399975	58.201	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	244151	54.973	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	254323	55.038	ug/l	100
55) 1,1,2-Trichloroethane	10.899	97	168142	62.056	ug/l	97
56) Ethyl methacrylate	10.762	69	283172	62.245	ug/l	98
57) 1,3-Dichloropropane	11.047	76	275135	61.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	366601	272.146	ug/l	99
59) 2-Hexanone	11.087	43	998032	375.474	ug/l	99
60) Dibromochloromethane	11.240	129	173026	56.574	ug/l	100
61) 1,2-Dibromoethane	11.347	107	176531	63.519	ug/l	100
64) Tetrachloroethene	10.980	164	132736	52.624	ug/l	99
65) Chlorobenzene	11.771	112	431148	58.189	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	163979	56.543	ug/l	99
67) Ethyl Benzene	11.846	91	804356	58.442	ug/l	99
68) m/p-Xylenes	11.956	106	601866	115.356	ug/l	99
69) o-Xylene	12.283	106	301789	57.787	ug/l	99
70) Styrene	12.296	104	508715	59.840	ug/l	99
71) Bromoform	12.460	173	131574	56.636	ug/l #	100
73) Isopropylbenzene	12.581	105	807423	57.148	ug/l	99
74) N-amyl acetate	12.388	43	333052	62.220	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	270256	66.190	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	227397m	62.962	ug/l	
77) Bromobenzene	12.862	156	184260	58.978	ug/l	99
78) n-propylbenzene	12.921	91	905282	57.016	ug/l	100
79) 2-Chlorotoluene	13.010	91	562205	57.447	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	666512	56.636	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	83146	55.078	ug/l	94
82) 4-Chlorotoluene	13.106	91	545305	57.662	ug/l	100
83) tert-Butylbenzene	13.326	119	584726	57.078	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	651803	57.484	ug/l	99
85) sec-Butylbenzene	13.503	105	819250	57.744	ug/l	100
86) p-Isopropyltoluene	13.619	119	649748	57.096	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	317494	58.751	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	306850	57.211	ug/l	100
89) n-Butylbenzene	13.943	91	526831	55.610	ug/l	100
90) Hexachloroethane	14.214	117	125489	52.495	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	306831	58.449	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	53544	68.016	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	139915	49.126	ug/l	99
94) Hexachlorobutadiene	15.373	225	76679	51.298	ug/l	98
95) Naphthalene	15.507	128	441370	55.569	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	139523	51.363	ug/l	99

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

