

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068888.D
 Acq On : 13 Oct 2021 10:46
 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
 10/14/2021 2:28:16 PM

Quant Time: Oct 14 06:39:59 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	8.088	168	385393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	648032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	608890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	278346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	221896	43.67	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.34%		
35) Dibromofluoromethane	8.021	113	175824	46.63	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.26%		
50) Toluene-d8	10.443	98	714189	47.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.68%		
62) 4-Bromofluorobenzene	12.731	95	277620	48.78	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.56%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	213288	44.58	ug/l	100
3) Chloromethane	2.303	50	224644	47.69	ug/l	99
4) Vinyl Chloride	2.446	62	253165	52.91	ug/l	100
5) Bromomethane	2.842	94	157342	59.79	ug/l	100
6) Chloroethane	3.014	64	152717	54.16	ug/l	99
7) Trichlorofluoromethane	3.373	101	336014	50.15	ug/l	100
8) Diethyl Ether	3.827	74	117757	47.12	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.216	101	185748	51.56	ug/l	97
10) Methyl Iodide	4.425	142	243373	46.55	ug/l	100
11) Tert butyl alcohol	5.364	59	200376	215.81	ug/l	99
12) 1,1-Dichloroethene	4.183	96	178122	47.83	ug/l	95
13) Acrolein	4.044	56	77453	188.57	ug/l	97
14) Allyl chloride	4.843	41	322811	48.36	ug/l	98
15) Acrylonitrile	5.551	53	485378	233.30	ug/l	99
16) Acetone	4.283	43	494620	260.84	ug/l	99
17) Carbon Disulfide	4.535	76	499343	49.41	ug/l	100
18) Methyl Acetate	4.854	43	332353	46.21	ug/l	99
19) Methyl tert-butyl Ether	5.613	73	678738	48.95	ug/l	99
20) Methylene Chloride	5.101	84	206440	47.30	ug/l	98
21) trans-1,2-Dichloroethene	5.600	96	195219	48.52	ug/l	98
22) Diisopropyl ether	6.495	45	696943	50.20	ug/l	97
23) Vinyl Acetate	6.434	43	2596787	247.43	ug/l	99
24) 1,1-Dichloroethane	6.388	63	368902	48.91	ug/l	100
25) 2-Butanone	7.332	43	708799	247.19	ug/l	99
26) 2,2-Dichloropropane	7.327	77	357524	49.74	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	235263	48.38	ug/l	99
28) Bromochloromethane	7.657	49	151625	44.38	ug/l	96
29) Tetrahydrofuran	7.681	42	443790	238.61	ug/l	98
30) Chloroform	7.820	83	399927	50.31	ug/l	99
31) Cyclohexane	8.096	56	364111	46.09	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	367932	49.65	ug/l	100
36) 1,1-Dichloropropene	8.223	75	293995	53.11	ug/l	99
37) Ethyl Acetate	7.410	43	278155	48.66	ug/l	99
38) Carbon Tetrachloride	8.206	117	319696	52.59	ug/l	100
39) Methylcyclohexane	9.462	83	391276	54.92	ug/l	98
40) Benzene	8.461	78	884235	52.46	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	147473	51.18	ug/l	99
42) 1,2-Dichloroethane	8.531	62	311204	52.14	ug/l	99
43) Isopropyl Acetate	8.560	43	515082	51.07	ug/l	100
44) Trichloroethene	9.218	130	226729	53.75	ug/l	98
45) 1,2-Dichloropropane	9.491	63	228237	52.18	ug/l	98
46) Dibromomethane	9.577	93	156008	52.26	ug/l	99
47) Bromodichloromethane	9.762	83	324989	52.53	ug/l	99
48) Methyl methacrylate	9.558	41	237708	50.16	ug/l	96
49) 1,4-Dioxane	9.569	88	82695	898.99	ug/l	99
51) 4-Methyl-2-Pentanone	10.331	43	1477787	252.67	ug/l	100
52) Toluene	10.508	92	590924	54.49	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	373331	53.27	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	385772	52.91	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	226199	52.91	ug/l	98
56) Ethyl methacrylate	10.762	69	375043	52.25	ug/l	98
57) 1,3-Dichloropropane	11.047	76	374483	53.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	450343	216.02	ug/l	99
59) 2-Hexanone	11.084	43	1085239	258.75	ug/l	100
60) Dibromochloromethane	11.240	129	259904	53.86	ug/l	99
61) 1,2-Dibromoethane	11.347	107	234597	53.50	ug/l	99
64) Tetrachloroethene	10.980	164	210119	53.57	ug/l	99
65) Chlorobenzene	11.771	112	621051	53.90	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	240296	53.28	ug/l	100
67) Ethyl Benzene	11.846	91	1177257	55.01	ug/l	100
68) m/p-Xylenes	11.956	106	893200	110.09	ug/l	100
69) o-Xylene	12.283	106	442806	54.53	ug/l	99
70) Styrene	12.296	104	737848	55.81	ug/l	99
71) Bromoform	12.460	173	192783	53.36	ug/l #	98
73) Isopropylbenzene	12.581	105	1179287	50.90	ug/l	100
74) N-amyl acetate	12.388	43	432692	49.30	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	322426	48.16	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	263710m	44.53	ug/l	
77) Bromobenzene	12.862	156	259115	50.58	ug/l	97
78) n-propylbenzene	12.921	91	1361547	52.29	ug/l	100
79) 2-Chlorotoluene	13.010	91	811504	50.57	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	989465	51.27	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	116398	47.02	ug/l	98
82) 4-Chlorotoluene	13.106	91	812136	52.37	ug/l	100
83) tert-Butylbenzene	13.326	119	853801	50.83	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	968250	52.08	ug/l	100
85) sec-Butylbenzene	13.503	105	1229240	52.84	ug/l	100
86) p-Isopropyltoluene	13.619	119	1000798	53.63	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	481618	54.35	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	472909	53.77	ug/l	99
89) n-Butylbenzene	13.943	91	861726	55.47	ug/l	100
90) Hexachloroethane	14.211	117	197916	50.49	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	461603	53.62	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	62543	48.45	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	226274	48.49	ug/l	98
94) Hexachlorobutadiene	15.373	225	135451	55.26	ug/l	99
95) Naphthalene	15.507	128	541677	42.55	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	208508	47.03	ug/l	99

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

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