

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069050.D
 Acq On : 20 Oct 2021 2:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/20/2021 5:47:34 PM

Quant Time: Oct 20 05:52:55 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	256753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	463430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	440919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	197549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	203461	60.103	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 120.200%			
35) Dibromofluoromethane	8.021	113	155470	57.661	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 115.320%			
50) Toluene-d8	10.443	98	631834	58.567	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 117.140%			
62) 4-Bromofluorobenzene	12.734	95	246008	60.440	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 120.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	142200	44.614	ug/l	100
3) Chloromethane	2.301	50	158071	50.370	ug/l	99
4) Vinyl Chloride	2.443	62	188284	59.069	ug/l	99
5) Bromomethane	2.829	94	123065	70.190	ug/l	99
6) Chloroethane	3.001	64	122261	65.084	ug/l	98
7) Trichlorofluoromethane	3.368	101	239600	53.681	ug/l	99
8) Diethyl Ether	3.824	74	89784	53.928	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.213	101	129258	53.857	ug/l	98
10) Methyl Iodide	4.422	142	168624	48.408	ug/l	98
11) Tert butyl alcohol	5.366	59	158249	255.832	ug/l	100
12) 1,1-Dichloroethene	4.183	96	125883	50.741	ug/l	98
13) Acrolein	4.041	56	86608	316.508	ug/l	100
14) Allyl chloride	4.841	41	216888	48.768	ug/l	97
15) Acrylonitrile	5.557	53	388470	280.275	ug/l	98
16) Acetone	4.285	43	320667	253.835	ug/l	100
17) Carbon Disulfide	4.532	76	317239	47.117	ug/l	100
18) Methyl Acetate	4.854	43	275531	57.502	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	501968	54.339	ug/l	100
20) Methylene Chloride	5.098	84	153876	52.921	ug/l	99
21) trans-1,2-Dichloroethene	5.600	96	137430	51.275	ug/l	99
22) Diisopropyl ether	6.498	45	496779	53.714	ug/l	98
23) Vinyl Acetate	6.434	43	1861577	266.249	ug/l	99
24) 1,1-Dichloroethane	6.388	63	271464	54.022	ug/l	100
25) 2-Butanone	7.335	43	523897	274.247	ug/l	97
26) 2,2-Dichloropropane	7.327	77	177172	36.997	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	167135	51.586	ug/l	97
28) Bromochloromethane	7.659	49	121084	53.202	ug/l	98
29) Tetrahydrofuran	7.683	42	354183	285.837	ug/l	97
30) Chloroform	7.820	83	292169	55.170	ug/l	98
31) Cyclohexane	8.096	56	247109	46.948	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	260064	52.679	ug/l	98
36) 1,1-Dichloropropene	8.223	75	208818	52.753	ug/l	99
37) Ethyl Acetate	7.413	43	221743	54.239	ug/l	99
38) Carbon Tetrachloride	8.209	117	223291	51.362	ug/l	100
39) Methylcyclohexane	9.462	83	253848	49.824	ug/l	96
40) Benzene	8.461	78	642739	53.323	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	110428	53.584	ug/l	97
42) 1,2-Dichloroethane	8.531	62	235693	55.219	ug/l	100
43) Isopropyl Acetate	8.560	43	389473	53.994	ug/l	100
44) Trichloroethene	9.218	130	155175	51.439	ug/l	98
45) 1,2-Dichloropropane	9.491	63	166550	53.249	ug/l	99
46) Dibromomethane	9.580	93	115490	54.093	ug/l	98
47) Bromodichloromethane	9.762	83	234459	52.993	ug/l	98
48) Methyl methacrylate	9.561	41	179969	53.100	ug/l	96
49) 1,4-Dioxane	9.569	88	67389	1019.440	ug/l	96
51) 4-Methyl-2-Pentanone	10.331	43	1183005	282.842	ug/l	100
52) Toluene	10.508	92	421737	54.383	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	253345	50.551	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	261648	50.179	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	169473	55.428	ug/l	97
56) Ethyl methacrylate	10.762	69	280747	54.688	ug/l	98
57) 1,3-Dichloropropane	11.047	76	283530	56.238	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	369358	244.995	ug/l	99
59) 2-Hexanone	11.087	43	872251	290.804	ug/l	100
60) Dibromochloromethane	11.240	129	181266	52.523	ug/l	100
61) 1,2-Dibromoethane	11.347	107	175833	56.067	ug/l	99
64) Tetrachloroethene	10.980	164	134013	47.182	ug/l	98
65) Chlorobenzene	11.773	112	452518	54.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	169753	51.981	ug/l	100
67) Ethyl Benzene	11.846	91	843043	54.396	ug/l	99
68) m/p-Xylenes	11.956	106	633535	107.832	ug/l	100
69) o-Xylene	12.283	106	318283	54.122	ug/l	99
70) Styrene	12.296	104	530623	55.430	ug/l	99
71) Bromoform	12.460	173	129742	49.595	ug/l #	98
73) Isopropylbenzene	12.581	105	844189	51.340	ug/l	100
74) N-amyl acetate	12.388	43	332703	53.407	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	266847	56.156	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	222299m	52.887	ug/l	
77) Bromobenzene	12.862	156	186652	51.335	ug/l	98
78) n-propylbenzene	12.924	91	964940	52.220	ug/l	99
79) 2-Chlorotoluene	13.010	91	593392	52.100	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	709102	51.774	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	76895	43.767	ug/l	97
82) 4-Chlorotoluene	13.106	91	583538	53.020	ug/l	100
83) tert-Butylbenzene	13.326	119	627034	52.593	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	694067	52.596	ug/l	100
85) sec-Butylbenzene	13.503	105	870195	52.702	ug/l	100
86) p-Isopropyltoluene	13.619	119	691048	52.178	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	334255	53.147	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	326090	52.240	ug/l	98
89) n-Butylbenzene	13.946	91	571980	51.878	ug/l	99
90) Hexachloroethane	14.214	117	135230	48.608	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	325357	53.255	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	48918	53.394	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	143449	43.587	ug/l	98
94) Hexachlorobutadiene	15.373	225	79548	45.727	ug/l	99
95) Naphthalene	15.507	128	405491	44.669	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	138757	44.257	ug/l	100

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

