

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068475.D
 Acq On : 15 Sep 2021 10:21
 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

9/16/2021 7:24:16 PM

Quant Time: Sep 15 16:36:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	653280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	901302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	859754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	468614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	295930	49.383	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.760%		
35) Dibromofluoromethane	8.024	113	287604	52.907	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.820%		
50) Toluene-d8	10.443	98	1075694	54.476	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.960%		
62) 4-Bromofluorobenzene	12.734	95	362967	57.445	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	114.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	254739	47.759	ug/l	98
3) Chloromethane	2.301	50	230468	43.085	ug/l	98
4) Vinyl Chloride	2.443	62	359756	44.475	ug/l	100
5) Bromomethane	2.842	94	344979	43.864	ug/l	99
6) Chloroethane	3.011	64	263945	44.321	ug/l	96
7) Trichlorofluoromethane	3.371	101	461260	45.466	ug/l	99
8) Diethyl Ether	3.827	74	151379	49.472	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.213	101	269474	48.066	ug/l	98
10) Methyl Iodide	4.428	142	404961	50.645	ug/l	98
11) Tert butyl alcohol	5.366	59	196127	235.575	ug/l	98
12) 1,1-Dichloroethene	4.183	96	242191	47.187	ug/l	98
13) Acrolein	4.041	56	81725	183.658	ug/l	96
14) Allyl chloride	4.846	41	307604	47.182	ug/l	99
15) Acrylonitrile	5.551	53	544119	238.122	ug/l	98
16) Acetone	4.285	43	550236	277.472	ug/l	98
17) Carbon Disulfide	4.535	76	630914	45.779	ug/l	100
18) Methyl Acetate	4.857	43	251515	48.195	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	854105	49.663	ug/l	99
20) Methylene Chloride	5.098	84	288441	51.635	ug/l	96
21) trans-1,2-Dichloroethene	5.600	96	277809	47.411	ug/l	98
22) Diisopropyl ether	6.495	45	709567	50.266	ug/l	99
23) Vinyl Acetate	6.434	43	2711675	257.025	ug/l	99
24) 1,1-Dichloroethane	6.391	63	450719	47.121	ug/l	99
25) 2-Butanone	7.335	43	740349	254.241	ug/l	99
26) 2,2-Dichloropropane	7.327	77	437652	49.559	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	335426	48.738	ug/l	99
28) Bromochloromethane	7.659	49	182447	49.016	ug/l	97
29) Tetrahydrofuran	7.683	42	455265	239.485	ug/l	100
30) Chloroform	7.820	83	542825	47.970	ug/l	99
31) Cyclohexane	8.099	56	406390	44.751	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	517414	49.286	ug/l	100
36) 1,1-Dichloropropene	8.223	75	383947	51.096	ug/l	100
37) Ethyl Acetate	7.413	43	296421	51.859	ug/l	100
38) Carbon Tetrachloride	8.209	117	488798	54.299	ug/l	98
39) Methylcyclohexane	9.462	83	510236	53.671	ug/l	99
40) Benzene	8.461	78	1161190	52.206	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	143893	51.156	ug/l	97
42) 1,2-Dichloroethane	8.531	62	389409	50.530	ug/l	100
43) Isopropyl Acetate	8.560	43	511920	50.763	ug/l	99
44) Trichloroethene	9.218	130	368195	52.283	ug/l	99
45) 1,2-Dichloropropane	9.491	63	275788	51.937	ug/l	97
46) Dibromomethane	9.580	93	224171	52.444	ug/l	98
47) Bromodichloromethane	9.762	83	439265	54.158	ug/l	99
48) Methyl methacrylate	9.561	41	214356	50.902	ug/l	92
49) 1,4-Dioxane	9.569	88	100781	1043.249	ug/l	98
51) 4-Methyl-2-Pentanone	10.331	43	1528248	265.471	ug/l	100
52) Toluene	10.508	92	822428	55.728	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	451334	58.083	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	480486	56.429	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	320191	54.672	ug/l	98
56) Ethyl methacrylate	10.762	69	423907	58.278	ug/l	99
57) 1,3-Dichloropropane	11.047	76	491757	54.485	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	252272	326.527	ug/l	100
59) 2-Hexanone	11.087	43	1086992	281.945	ug/l	99
60) Dibromochloromethane	11.240	129	413542	59.997	ug/l	99
61) 1,2-Dibromoethane	11.347	107	347759	56.006	ug/l	99
64) Tetrachloroethene	10.980	164	405861	53.262	ug/l	99
65) Chlorobenzene	11.773	112	944206	53.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	384406	55.357	ug/l	99
67) Ethyl Benzene	11.846	91	1572871	54.411	ug/l	100
68) m/p-Xylenes	11.956	106	1333217	114.538	ug/l	100
69) o-Xylene	12.283	106	648395	57.171	ug/l	99
70) Styrene	12.296	104	1038271	60.401	ug/l	99
71) Bromoform	12.460	173	334599	62.850	ug/l #	99
73) Isopropylbenzene	12.581	105	1654012	49.618	ug/l	99
74) N-amyl acetate	12.390	43	377466	50.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	427313	45.727	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	334079m	45.162	ug/l	
77) Bromobenzene	12.862	156	472691	51.266	ug/l	98
78) n-propylbenzene	12.924	91	1776041	50.458	ug/l	99
79) 2-Chlorotoluene	13.010	91	1055830	48.657	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1389841	51.324	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	120982	57.215	ug/l	98
82) 4-Chlorotoluene	13.106	91	1030079	49.225	ug/l	99
83) tert-Butylbenzene	13.326	119	1279143	51.735	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	1365474	52.575	ug/l	100
85) sec-Butylbenzene	13.503	105	1695363	52.003	ug/l	100
86) p-Isopropyltoluene	13.619	119	1486685	54.026	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	839532	52.478	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	816521	51.784	ug/l	100
89) n-Butylbenzene	13.946	91	1062646	53.012	ug/l	100
90) Hexachloroethane	14.211	117	265159	54.896	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	808294	52.378	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	71303	48.070	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	395487	56.118	ug/l	100
94) Hexachlorobutadiene	15.373	225	250692	55.045	ug/l	100
95) Naphthalene	15.507	128	773068	42.255	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	359758	53.469	ug/l	99

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

