

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091621\
 Data File : VN068499.D
 Acq On : 16 Sep 2021 14:58
 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
 9/17/2021 2:32:54 PM

Quant Time: Sep 17 02:01:23 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	711049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	961489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	922917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	486403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	301712	46.257	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.520%		
35) Dibromofluoromethane	8.021	113	300402	51.802	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.600%		
50) Toluene-d8	10.443	98	1110749	52.730	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.460%		
62) 4-Bromofluorobenzene	12.734	95	380483	56.448	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	261854	45.104	ug/l	99
3) Chloromethane	2.301	50	240156	41.249	ug/l	99
4) Vinyl Chloride	2.443	62	360590	40.957	ug/l	99
5) Bromomethane	2.837	94	395736	46.229	ug/l	99
6) Chloroethane	3.009	64	260947	40.257	ug/l	99
7) Trichlorofluoromethane	3.371	101	487803	44.176	ug/l	100
8) Diethyl Ether	3.827	74	163137	48.984	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.216	101	281729	46.170	ug/l	98
10) Methyl Iodide	4.422	142	445054	51.137	ug/l	97
11) Tert butyl alcohol	5.364	59	219916	243.100	ug/l	100
12) 1,1-Dichloroethene	4.183	96	260295	46.594	ug/l	97
13) Acrolein	4.041	56	101794	210.173	ug/l	98
14) Allyl chloride	4.841	41	321986	45.376	ug/l	98
15) Acrylonitrile	5.554	53	582731	234.301	ug/l	99
16) Acetone	4.285	43	452215	209.515	ug/l	99
17) Carbon Disulfide	4.535	76	654509	43.633	ug/l	99
18) Methyl Acetate	4.857	43	267988	47.141	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	926209	49.481	ug/l	98
20) Methylene Chloride	5.095	84	311270	51.182	ug/l	93
21) trans-1,2-Dichloroethene	5.600	96	295163	46.280	ug/l	95
22) Diisopropyl ether	6.495	45	740126	48.171	ug/l	98
23) Vinyl Acetate	6.434	43	2858629	248.940	ug/l	98
24) 1,1-Dichloroethane	6.388	63	468734	45.023	ug/l	99
25) 2-Butanone	7.335	43	738212	232.911	ug/l	99
26) 2,2-Dichloropropane	7.327	77	457021	47.548	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	356949	47.651	ug/l	98
28) Bromochloromethane	7.659	49	194406	47.986	ug/l	93
29) Tetrahydrofuran	7.683	42	475026	229.579	ug/l	96
30) Chloroform	7.820	83	572330	46.468	ug/l	100
31) Cyclohexane	8.096	56	417630	42.252	ug/l	100
32) 1,1,1-Trichloroethane	8.016	97	543625	47.576	ug/l	99
36) 1,1-Dichloropropene	8.222	75	395247	49.307	ug/l	98
37) Ethyl Acetate	7.413	43	309632	50.779	ug/l	98
38) Carbon Tetrachloride	8.206	117	508780	52.980	ug/l	99
39) Methylcyclohexane	9.462	83	532512	52.508	ug/l	98
40) Benzene	8.461	78	1223285	51.555	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	140676	46.882	ug/l	92
42) 1,2-Dichloroethane	8.531	62	400222	48.682	ug/l	99
43) Isopropyl Acetate	8.560	43	545146	50.674	ug/l	99
44) Trichloroethene	9.217	130	397656	52.932	ug/l	100
45) 1,2-Dichloropropane	9.491	63	285253	50.356	ug/l	99
46) Dibromomethane	9.580	93	238015	52.198	ug/l	95
47) Bromodichloromethane	9.765	83	456857	52.801	ug/l	99
48) Methyl methacrylate	9.561	41	246354	54.838	ug/l	97
49) 1,4-Dioxane	9.569	88	109122	1058.882	ug/l	98
51) 4-Methyl-2-Pentanone	10.331	43	1613468	262.730	ug/l	100
52) Toluene	10.508	92	860652	54.668	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	475497	57.362	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	504148	55.501	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	345945	55.372	ug/l	99
56) Ethyl methacrylate	10.762	69	462617	59.618	ug/l	98
57) 1,3-Dichloropropane	11.047	76	515849	53.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	245738	305.600	ug/l	98
59) 2-Hexanone	11.087	43	1124862	273.503	ug/l	99
60) Dibromochloromethane	11.240	129	443548	60.322	ug/l	100
61) 1,2-Dibromoethane	11.347	107	376230	56.798	ug/l	99
64) Tetrachloroethene	10.980	164	431604	52.764	ug/l	99
65) Chlorobenzene	11.771	112	1002557	52.873	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	412709	55.365	ug/l	99
67) Ethyl Benzene	11.846	91	1651958	53.235	ug/l	99
68) m/p-Xylenes	11.956	106	1387244	111.023	ug/l	100
69) o-Xylene	12.283	106	686799	56.413	ug/l	98
70) Styrene	12.296	104	1086803	58.897	ug/l	99
71) Bromoform	12.460	173	368729	64.521	ug/l #	99
73) Isopropylbenzene	12.581	105	1742281	50.355	ug/l	99
74) N-amyl acetate	12.390	43	407685	52.828	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	450050	46.398	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	316501m	41.221	ug/l	
77) Bromobenzene	12.862	156	509245	53.210	ug/l	96
78) n-propylbenzene	12.921	91	1851157	50.668	ug/l	99
79) 2-Chlorotoluene	13.010	91	1100793	48.873	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1459069	51.910	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	127707	58.187	ug/l	97
82) 4-Chlorotoluene	13.106	91	1072946	49.398	ug/l	99
83) tert-Butylbenzene	13.326	119	1354559	52.781	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	1413035	52.417	ug/l	99
85) sec-Butylbenzene	13.503	105	1769625	52.296	ug/l	99
86) p-Isopropyltoluene	13.619	119	1551819	54.331	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	881260	53.072	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	864340	52.812	ug/l	99
89) n-Butylbenzene	13.943	91	1095047	52.631	ug/l	99
90) Hexachloroethane	14.211	117	274980	54.847	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	862538	53.849	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	77974	50.644	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	449329	61.426	ug/l	100
94) Hexachlorobutadiene	15.370	225	281032	59.450	ug/l	100
95) Naphthalene	15.507	128	941042	48.951	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	420783	60.251	ug/l	99

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

