

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090721\
 Data File : VN068424.D
 Acq On : 7 Sep 2021 15:40
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 8:16:01 PM

Quant Time: Sep 08 10:40:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 10:37:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	756426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1002214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	950369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	497058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	705438	93.078	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 186.160%#			
35) Dibromofluoromethane	8.024	113	710752	112.796	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 225.600%#			
50) Toluene-d8	10.443	98	2608427	111.479	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 222.960%#			
62) 4-Bromofluorobenzene	12.733	95	867618	114.008	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 228.020%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	594731	94.682	ug/l	99
3) Chloromethane	2.306	50	524406	80.491	ug/l	97
4) Vinyl Chloride	2.445	62	820561	82.803	ug/l	98
5) Bromomethane	2.826	94	759544	79.547	ug/l	99
6) Chloroethane	2.995	64	551139	77.192	ug/l	97
7) Trichlorofluoromethane	3.365	101	1057331	56.601	ug/l	100
8) Diethyl Ether	3.827	74	345303	64.871	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	605731	95.296	ug/l	99
10) Methyl Iodide	4.427	142	1035246	125.772	ug/l	98
11) Tert butyl alcohol	5.377	59	467584	464.882	ug/l #	85
12) 1,1-Dichloroethene	4.183	96	581898	97.888	ug/l	96
13) Acrolein	4.046	56	248278	390.768	ug/l	100
14) Allyl chloride	4.846	41	731549	98.143	ug/l	97
15) Acrylonitrile	5.556	53	1244743	453.339	ug/l	98
16) Acetone	4.288	43	932784	371.252	ug/l	99
17) Carbon Disulfide	4.535	76	1521933	95.491	ug/l	99
18) Methyl Acetate	4.856	43	589473	84.814	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	1954245	101.798	ug/l	99
20) Methylene Chloride	5.098	84	635883	80.082	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	668879	100.693	ug/l	97
22) Diisopropyl ether	6.498	45	1533936	94.548	ug/l	99
23) Vinyl Acetate	6.436	43	5982920	480.668	ug/l	98
24) 1,1-Dichloroethane	6.391	63	1027326	94.721	ug/l	99
25) 2-Butanone	7.337	43	1551741	442.238	ug/l	98
26) 2,2-Dichloropropane	7.329	77	943459	94.014	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	786202	101.477	ug/l	97
28) Bromochloromethane	7.662	49	431900	94.521	ug/l	94
29) Tetrahydrofuran	7.686	42	1026537	454.695	ug/l	98
30) Chloroform	7.820	83	1204561	92.689	ug/l	99
31) Cyclohexane	8.099	56	919750	89.686	ug/l	100
32) 1,1,1-Trichloroethane	8.018	97	1175110	97.889	ug/l	99
36) 1,1-Dichloropropene	8.225	75	872598	108.660	ug/l	99
37) Ethyl Acetate	7.415	43	651672	98.446	ug/l	98
38) Carbon Tetrachloride	8.209	117	1096137	113.877	ug/l	98
39) Methylcyclohexane	9.461	83	1174933	117.288	ug/l	98
40) Benzene	8.464	78	2610740	105.683	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	306081	98.070	ug/l	95
42) 1,2-Dichloroethane	8.533	62	842254	101.651	ug/l	100
43) Isopropyl Acetate	8.563	43	1141977	106.091	ug/l	99
44) Trichloroethene	9.220	130	870290	113.368	ug/l	99
45) 1,2-Dichloropropane	9.494	63	611945	106.676	ug/l	99
46) Dibromomethane	9.579	93	502008	107.571	ug/l	94
47) Bromodichloromethane	9.764	83	970931	108.671	ug/l	100
48) Methyl methacrylate	9.563	41	530460	112.900	ug/l	99
49) 1,4-Dioxane	9.571	88	221417	2026.447	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	3345909	503.087	ug/l	99
52) Toluene	10.507	92	1801496	109.113	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	985014	111.864	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	1066513	113.348	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	701837	104.707	ug/l	96
56) Ethyl methacrylate	10.762	69	950472	115.851	ug/l	100
57) 1,3-Dichloropropane	11.046	76	1067492	106.018	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	513225	450.654	ug/l	99
59) 2-Hexanone	11.087	43	2288021	497.013	ug/l	100
60) Dibromochloromethane	11.240	129	914589	118.628	ug/l	100
61) 1,2-Dibromoethane	11.349	107	769549	109.169	ug/l	99
64) Tetrachloroethene	10.979	164	905825	119.173	ug/l	98
65) Chlorobenzene	11.773	112	2076511	108.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	843160	112.611	ug/l	99
67) Ethyl Benzene	11.848	91	3464680	110.684	ug/l	98
68) m/p-Xylenes	11.956	106	2869141	227.244	ug/l	100
69) o-Xylene	12.283	106	1411553	116.538	ug/l	100
70) Styrene	12.296	104	2268739	119.307	ug/l	99
71) Bromoform	12.460	173	750501	125.075	ug/l #	100
73) Isopropylbenzene	12.581	105	3600301	101.043	ug/l	99
74) N-amyl acetate	12.390	43	828510	94.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	894251	84.573	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	681854m	80.473	ug/l	
77) Bromobenzene	12.862	156	1030867	102.478	ug/l	97
78) n-propylbenzene	12.924	91	3865201	102.444	ug/l	99
79) 2-Chlorotoluene	13.010	91	2248944	96.591	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	2967385	102.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	244694	98.634	ug/l	97
82) 4-Chlorotoluene	13.106	91	2224371	98.735	ug/l	100
83) tert-Butylbenzene	13.326	119	2745537	103.349	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	2905348	102.818	ug/l	100
85) sec-Butylbenzene	13.503	105	3693377	106.002	ug/l	100
86) p-Isopropyltoluene	13.618	119	3251990	112.505	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	1801199	104.514	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	1750216	102.115	ug/l	99
89) n-Butylbenzene	13.946	91	2384568	109.807	ug/l	100
90) Hexachloroethane	14.214	117	559745	101.528	ug/l	97
91) 1,2-Dichlorobenzene	13.989	146	1698685	103.744	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	165542	99.408	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	973616	121.227	ug/l	99
94) Hexachlorobutadiene	15.372	225	545174	114.565	ug/l	99
95) Naphthalene	15.507	128	2077424	108.405	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	918839	117.209	ug/l	99

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

