

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113021\
 Data File : VN069677.D
 Acq On : 30 Nov 2021 10:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 01 01:46:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1119569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1822522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1720079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	737744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	791779	48.775	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.560%		
35) Dibromofluoromethane	8.019	113	557968	51.046	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.100%		
50) Toluene-d8	10.441	98	2097169	48.782	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.728	95	812879	51.471	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	526538	44.021	ug/l	99
3) Chloromethane	2.303	50	584950	42.170	ug/l	100
4) Vinyl Chloride	2.451	62	597491	43.019	ug/l	100
5) Bromomethane	2.848	94	422707	46.861	ug/l	96
6) Chloroethane	3.017	64	390764	41.682	ug/l	95
7) Trichlorofluoromethane	3.379	101	915901	42.667	ug/l	99
8) Diethyl Ether	3.824	74	358571	51.629	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	543151	53.715	ug/l	95
10) Methyl Iodide	4.420	142	651908	52.564	ug/l	97
11) Tert butyl alcohol	5.372	59	585510	200.164	ug/l	99
12) 1,1-Dichloroethene	4.181	96	460347	50.732	ug/l	88
13) Acrolein	4.039	56	112776	272.862	ug/l	97
14) Allyl chloride	4.838	41	1062532	52.962	ug/l	95
15) Acrylonitrile	5.551	53	1874894	250.293	ug/l	99
16) Acetone	4.283	43	2240075	255.761	ug/l	96
17) Carbon Disulfide	4.529	76	860828	40.133	ug/l	98
18) Methyl Acetate	4.851	43	1357949	47.696	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	2098079	54.634	ug/l	97
20) Methylene Chloride	5.093	84	608736	49.014	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	498798	49.215	ug/l	87
22) Diisopropyl ether	6.493	45	2420306	56.005	ug/l	95
23) Vinyl Acetate	6.431	43	9141029	273.482	ug/l	94
24) 1,1-Dichloroethane	6.385	63	1195527	54.313	ug/l	99
25) 2-Butanone	7.332	43	2939918	247.891	ug/l	92
26) 2,2-Dichloropropane	7.324	77	983599	57.113	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	677392	53.916	ug/l	86
28) Bromochloromethane	7.657	49	580136	51.466	ug/l #	80
29) Tetrahydrofuran	7.683	42	1739646	239.028	ug/l	89
30) Chloroform	7.818	83	1242994	55.082	ug/l	100
31) Cyclohexane	8.094	56	1005610	45.344	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1031233	54.748	ug/l	96
36) 1,1-Dichloropropene	8.220	75	823729	53.714	ug/l	97
37) Ethyl Acetate	7.413	43	1085131	52.346	ug/l	96
38) Carbon Tetrachloride	8.204	117	842111	56.878	ug/l	98
39) Methylcyclohexane	9.459	83	990935	51.944	ug/l	92
40) Benzene	8.459	78	2525902	53.362	ug/l	98

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41) Methacrylonitrile	7.633	41	572356	53.434	ug/l	90
42) 1,2-Dichloroethane	8.528	62	1062978	57.352	ug/l	96
43) Isopropyl Acetate	8.558	43	1819908	54.657	ug/l #	94
44) Trichloroethene	9.215	130	626460	55.299	ug/l	95
45) 1,2-Dichloropropane	9.488	63	738846	58.422	ug/l	100
46) Dibromomethane	9.574	93	468035	55.253	ug/l	92
47) Bromodichloromethane	9.759	83	964523	61.019	ug/l	100
48) Methyl methacrylate	9.558	41	838704	53.538	ug/l	90
49) 1,4-Dioxane	9.569	88	245047	797.544	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	5757901	267.905	ug/l	96
52) Toluene	10.505	92	1613223	54.706	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	1024416	52.567	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1102453	53.697	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	693419	58.333	ug/l	98
56) Ethyl methacrylate	10.760	69	1120592	50.021	ug/l #	86
57) 1,3-Dichloropropane	11.041	76	1192978	57.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1284448	225.449	ug/l	92
59) 2-Hexanone	11.084	43	4144120	229.053	ug/l	93
60) Dibromochloromethane	11.237	129	703621	53.739	ug/l	99
61) 1,2-Dibromoethane	11.344	107	678143	51.087	ug/l	100
64) Tetrachloroethene	10.977	164	577319	55.586	ug/l	96
65) Chlorobenzene	11.768	112	1801884	56.280	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	680005	61.234	ug/l	99
67) Ethyl Benzene	11.843	91	3305252	55.975	ug/l	96
68) m/p-Xylenes	11.950	106	2411326	111.032	ug/l	93
69) o-Xylene	12.278	106	1226477	56.648	ug/l	92
70) Styrene	12.294	104	2026712	52.072	ug/l	96
71) Bromoform	12.457	173	499974	51.724	ug/l #	100
73) Isopropylbenzene	12.578	105	3309144	56.336	ug/l	99
74) N-amyl acetate	12.388	43	1307315	52.516	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1047142	52.856	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	923166m	54.223	ug/l	
77) Bromobenzene	12.860	156	755250	56.220	ug/l	81
78) n-propylbenzene	12.919	91	3784766	57.262	ug/l	96
79) 2-Chlorotoluene	13.004	91	2306585	56.362	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2711632	57.103	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	279896	49.059	ug/l	94
82) 4-Chlorotoluene	13.104	91	2227404	57.095	ug/l	93
83) tert-Butylbenzene	13.321	119	2429498	58.383	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2656948	57.957	ug/l	98
85) sec-Butylbenzene	13.501	105	3397290	58.443	ug/l	98
86) p-Isopropyltoluene	13.613	119	2735004	59.268	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1319122	56.637	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1259835	55.138	ug/l	96
89) n-Butylbenzene	13.941	91	2238845	58.179	ug/l	98
90) Hexachloroethane	14.209	117	474254	55.657	ug/l	87
91) 1,2-Dichlorobenzene	13.986	146	1262257	56.955	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	179267	48.718	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	566551	48.864	ug/l	98
94) Hexachlorobutadiene	15.367	225	361078	62.703	ug/l	97
95) Naphthalene	15.504	128	1329649	41.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	534277	48.234	ug/l	98

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

