

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075784.D
 Acq On : 14 Dec 2022 22:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 15 00:29:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	263235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	447061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	414615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	163132	56.964	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.920%			
35) Dibromofluoromethane	8.171	113	146507	52.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.840%			
50) Toluene-d8	10.571	98	542346	52.393	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.780%			
62) 4-Bromofluorobenzene	12.853	95	190214	55.480	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	87340	46.729	ug/l	99
3) Chloromethane	2.377	50	111831	48.117	ug/l	98
4) Vinyl Chloride	2.524	62	130879	47.209	ug/l	98
5) Bromomethane	2.942	94	117213	49.748	ug/l	91
6) Chloroethane	3.118	64	102762	50.054	ug/l	100
7) Trichlorofluoromethane	3.506	101	201627	47.929	ug/l	99
8) Diethyl Ether	3.977	74	85499	55.646	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	117530	48.927	ug/l	98
10) Methyl Iodide	4.600	142	210487	53.993	ug/l	99
11) Tert butyl alcohol	5.530	59	113933	281.165	ug/l	100
12) 1,1-Dichloroethene	4.353	96	117540	50.381	ug/l	98
13) Acrolein	4.189	56	149681	301.300	ug/l	99
14) Allyl chloride	5.036	41	140173	51.397	ug/l	88
15) Acrylonitrile	5.736	53	312973	283.025	ug/l	99
16) Acetone	4.441	43	236658	239.729	ug/l	96
17) Carbon Disulfide	4.724	76	278135	49.239	ug/l	98
18) Methyl Acetate	5.036	43	161572	55.370	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	445745	58.018	ug/l	100
20) Methylene Chloride	5.283	84	146463	55.532	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	131986	51.657	ug/l	100
22) Diisopropyl ether	6.683	45	385852	58.239	ug/l	98
23) Vinyl Acetate	6.612	43	1305171	292.685	ug/l	99
24) 1,1-Dichloroethane	6.577	63	236675	53.564	ug/l	99
25) 2-Butanone	7.488	43	388776	281.264	ug/l	97
26) 2,2-Dichloropropane	7.500	77	186050	49.722	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	167374	54.773	ug/l	99
28) Bromochloromethane	7.818	49	103211	53.294	ug/l	99
29) Tetrahydrofuran	7.847	42	258519	298.446	ug/l	99
30) Chloroform	7.971	83	268725	54.017	ug/l	94
31) Cyclohexane	8.259	56	191388	46.664	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	230702	52.308	ug/l	99
36) 1,1-Dichloropropene	8.377	75	179975	48.936	ug/l	100
37) Ethyl Acetate	7.565	43	159688	54.055	ug/l	97
38) Carbon Tetrachloride	8.371	117	199812	48.542	ug/l	98
39) Methylcyclohexane	9.606	83	222094	50.055	ug/l	97
40) Benzene	8.612	78	586817	51.714	ug/l	99

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41) Methacrylonitrile	7.788	41	86407	56.271	ug/l	98
42) 1,2-Dichloroethane	8.677	62	201079	53.302	ug/l	99
43) Isopropyl Acetate	8.694	43	277881	57.023	ug/l	99
44) Trichloroethene	9.353	130	154455	48.316	ug/l	98
45) 1,2-Dichloropropane	9.624	63	145812	52.806	ug/l	97
46) Dibromomethane	9.712	93	111031	54.213	ug/l	99
47) Bromodichloromethane	9.894	83	217313	54.107	ug/l #	98
48) Methyl methacrylate	9.682	41	127395	58.043	ug/l	98
49) 1,4-Dioxane	9.700	88	58630	1086.585	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	852507	289.274	ug/l	100
52) Toluene	10.635	92	395879	53.568	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	221871	56.434	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	240351	55.681	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	159110	54.853	ug/l	98
56) Ethyl methacrylate	10.876	69	229661	59.607	ug/l	99
57) 1,3-Dichloropropane	11.165	76	263900	55.465	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	320242	261.062	ug/l	99
59) 2-Hexanone	11.200	43	624509	290.578	ug/l	100
60) Dibromochloromethane	11.359	129	178812	55.431	ug/l	99
61) 1,2-Dibromoethane	11.470	107	165131	56.255	ug/l	100
64) Tetrachloroethene	11.106	164	136305	46.719	ug/l	97
65) Chlorobenzene	11.894	112	427684	50.257	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	167565	53.161	ug/l	100
67) Ethyl Benzene	11.965	91	764615	53.237	ug/l	99
68) m/p-Xylenes	12.076	106	603889	106.231	ug/l	100
69) o-Xylene	12.400	106	303821	54.007	ug/l	99
70) Styrene	12.412	104	503087	56.244	ug/l	99
71) Bromoform	12.582	173	131435	57.305	ug/l #	99
73) Isopropylbenzene	12.700	105	763698	52.588	ug/l	99
74) N-amyl acetate	12.500	43	253107	59.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	232558	51.801	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	199203m	49.175	ug/l	
77) Bromobenzene	12.982	156	192082	52.263	ug/l	99
78) n-propylbenzene	13.041	91	863713	53.923	ug/l	100
79) 2-Chlorotoluene	13.129	91	527336	52.741	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	651818	53.628	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	62822	55.822	ug/l	96
82) 4-Chlorotoluene	13.129	91	527336	52.741	ug/l	99
83) tert-Butylbenzene	13.441	119	570535	53.240	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	663603	55.035	ug/l	100
85) sec-Butylbenzene	13.617	105	788143	53.285	ug/l	99
86) p-Isopropyltoluene	13.735	119	672698	54.657	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	355356	52.343	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	342571	49.395	ug/l	99
89) n-Butylbenzene	14.059	91	538516	54.010	ug/l	100
90) Hexachloroethane	14.335	117	120744	54.845	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	352914	52.775	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40902	51.345	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	178913	54.042	ug/l	99
94) Hexachlorobutadiene	15.500	225	86571	47.929	ug/l	100
95) Naphthalene	15.647	128	528119	48.362	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	171701	55.490	ug/l	98

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

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