

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079785.D
 Acq On : 01 Nov 2023 20:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 02 06:00:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/02/2023
 Supervised By : Mahesh Dadoda 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	293860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	473807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	231459	51.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.400%			
35) Dibromofluoromethane	8.171	113	184417	50.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.620%			
50) Toluene-d8	10.571	98	693332	51.378	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.853	95	242059	54.085	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	194863	55.052	ug/l	99
3) Chloromethane	2.359	50	220388	50.056	ug/l	100
4) Vinyl Chloride	2.512	62	240949	52.003	ug/l	98
5) Bromomethane	2.948	94	155990	55.410	ug/l	97
6) Chloroethane	3.112	64	194491	53.124	ug/l	99
7) Trichlorofluoromethane	3.495	101	298639	51.822	ug/l	98
8) Diethyl Ether	3.959	74	113850	52.061	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	167668	50.189	ug/l	99
10) Methyl Iodide	4.589	142	190775	50.007	ug/l	97
11) Tert butyl alcohol	5.518	59	142978	250.174	ug/l	100
12) 1,1-Dichloroethene	4.342	96	164793	52.099	ug/l	87
13) Acrolein	4.177	56	133801	315.630	ug/l	98
14) Allyl chloride	5.024	41	250787	51.766	ug/l	89
15) Acrylonitrile	5.724	53	476741	267.676	ug/l	98
16) Acetone	4.424	43	397223	252.588	ug/l	95
17) Carbon Disulfide	4.712	76	452376	49.582	ug/l	99
18) Methyl Acetate	5.024	43	392096	52.114	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	580720	53.326	ug/l #	91
20) Methylene Chloride	5.277	84	202055	50.920	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	185105	52.471	ug/l	88
22) Diisopropyl ether	6.671	45	644925	57.443	ug/l #	90
23) Vinyl Acetate	6.606	43	1730742	279.474	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	370291	54.264	ug/l	96
25) 2-Butanone	7.489	43	646324	280.661	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	278173	49.290	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	222941	52.832	ug/l	88
28) Bromochloromethane	7.818	49	181756	54.655	ug/l #	73
29) Tetrahydrofuran	7.841	42	431830	288.219	ug/l #	76
30) Chloroform	7.965	83	383678	51.762	ug/l	94
31) Cyclohexane	8.259	56	302940	51.207	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	321075	53.162	ug/l	93
36) 1,1-Dichloropropene	8.377	75	279973	53.491	ug/l	95
37) Ethyl Acetate	7.565	43	269399	56.122	ug/l #	91
38) Carbon Tetrachloride	8.365	117	277722	52.649	ug/l	96
39) Methylcyclohexane	9.606	83	264521	53.702	ug/l #	88
40) Benzene	8.606	78	839247	53.535	ug/l	99

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41) Methacrylonitrile	7.783	41	142332	55.838	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	296085	54.070	ug/l	98
43) Isopropyl Acetate	8.694	43	442741	52.594	ug/l #	91
44) Trichloroethene	9.353	130	196574	50.532	ug/l	99
45) 1,2-Dichloropropane	9.624	63	223497	55.787	ug/l	99
46) Dibromomethane	9.712	93	144137	52.691	ug/l	94
47) Bromodichloromethane	9.888	83	303911	52.093	ug/l	97
48) Methyl methacrylate	9.683	41	213139	57.804	ug/l #	81
49) 1,4-Dioxane	9.694	88	73693	1131.072	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1375957	290.327	ug/l	90
52) Toluene	10.635	92	512809	55.178	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	316386	55.320	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	341559	54.791	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	204514	54.710	ug/l	96
56) Ethyl methacrylate	10.877	69	312889	58.681	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	359132	54.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	750772	277.810	ug/l	89
59) 2-Hexanone	11.200	43	1024591	282.600	ug/l	88
60) Dibromochloromethane	11.359	129	219305	54.809	ug/l	99
61) 1,2-Dibromoethane	11.471	107	204540	54.516	ug/l	97
64) Tetrachloroethene	11.106	164	160819	52.407	ug/l	97
65) Chlorobenzene	11.894	112	543001	52.832	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	200773	54.219	ug/l	97
67) Ethyl Benzene	11.965	91	996066	55.626	ug/l	95
68) m/p-Xylenes	12.076	106	745268	111.726	ug/l	94
69) o-Xylene	12.400	106	356081	55.436	ug/l	92
70) Styrene	12.412	104	620017	60.063	ug/l	98
71) Bromoform	12.582	173	149204	56.744	ug/l #	100
73) Isopropylbenzene	12.700	105	918153	52.230	ug/l	100
74) N-amyl acetate	12.494	43	400618	52.211	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	308470	49.492	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	270098m	49.670	ug/l	
77) Bromobenzene	12.982	156	219114	50.912	ug/l	94
78) n-propylbenzene	13.041	91	1078232	53.562	ug/l	97
79) 2-Chlorotoluene	13.129	91	663567	51.599	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	746375	54.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	91905	45.983	ug/l #	83
82) 4-Chlorotoluene	13.223	91	663541	51.924	ug/l	99
83) tert-Butylbenzene	13.441	119	607038	54.222	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	746683	55.490	ug/l	100
85) sec-Butylbenzene	13.618	105	847429	54.635	ug/l	100
86) p-Isopropyltoluene	13.729	119	697029	55.119	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	398517	49.775	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	396361	48.773	ug/l	99
89) n-Butylbenzene	14.059	91	586540	53.851	ug/l	99
90) Hexachloroethane	14.335	117	127596	50.948	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	388067	51.345	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55529	52.536	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	181363	50.466	ug/l	99
94) Hexachlorobutadiene	15.506	225	77757	47.729	ug/l	99
95) Naphthalene	15.647	128	579917	47.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	174706	49.594	ug/l	98

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

