

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079982.D
 Acq On : 07 Nov 2023 22:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 08 04:38:41 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 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	321522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	566227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	520204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	292995	59.813	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.620%			
35) Dibromofluoromethane	8.171	113	231550	57.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.560%			
50) Toluene-d8	10.571	98	839486	56.902	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.800%#			
62) 4-Bromofluorobenzene	12.853	95	310217	63.402	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 126.800%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	197999	51.125	ug/l	99
3) Chloromethane	2.359	50	262848	54.827	ug/l	99
4) Vinyl Chloride	2.512	62	263833	52.043	ug/l	99
5) Bromomethane	2.942	94	121654	39.495	ug/l	99
6) Chloroethane	3.112	64	134511	33.580	ug/l	97
7) Trichlorofluoromethane	3.495	101	376063	59.643	ug/l	99
8) Diethyl Ether	3.959	74	130781	54.658	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	194730	53.275	ug/l	99
10) Methyl Iodide	4.589	142	230528	55.228	ug/l	99
11) Tert butyl alcohol	5.530	59	175587	280.799	ug/l	99
12) 1,1-Dichloroethene	4.342	96	179475	51.859	ug/l #	79
13) Acrolein	4.177	56	135025	282.989	ug/l	99
14) Allyl chloride	5.024	41	332445	62.717	ug/l #	88
15) Acrylonitrile	5.718	53	585168	300.287	ug/l	99
16) Acetone	4.430	43	468894	272.511	ug/l	91
17) Carbon Disulfide	4.712	76	469023	46.983	ug/l	99
18) Methyl Acetate	5.024	43	495668	60.212	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	693068	58.167	ug/l	94
20) Methylene Chloride	5.277	84	226473	52.163	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	208012	53.892	ug/l #	75
22) Diisopropyl ether	6.677	45	755235	61.481	ug/l #	90
23) Vinyl Acetate	6.606	43	1978138	291.941	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	440351	58.979	ug/l	98
25) 2-Butanone	7.488	43	769833	305.533	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	310938	50.356	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	252057	54.593	ug/l	84
28) Bromochloromethane	7.818	49	216786	59.580	ug/l #	75
29) Tetrahydrofuran	7.841	42	516565	315.112	ug/l #	76
30) Chloroform	7.971	83	451235	55.639	ug/l	95
31) Cyclohexane	8.259	56	339686	52.478	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	378215	57.235	ug/l	94
36) 1,1-Dichloropropene	8.377	75	320060	55.934	ug/l	94
37) Ethyl Acetate	7.565	43	319984	60.975	ug/l #	91
38) Carbon Tetrachloride	8.365	117	323030	56.015	ug/l	98
39) Methylcyclohexane	9.606	83	303603	56.379	ug/l #	86
40) Benzene	8.612	78	972926	56.769	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	186312	66.857	ug/l #	82
42) 1,2-Dichloroethane	8.677	62	356845	59.608	ug/l	97
43) Isopropyl Acetate	8.694	43	529912	57.580	ug/l #	91
44) Trichloroethene	9.353	130	226991	53.375	ug/l	93
45) 1,2-Dichloropropane	9.624	63	262213	59.868	ug/l	98
46) Dibromomethane	9.712	93	170107	56.880	ug/l	96
47) Bromodichloromethane	9.894	83	355959	55.810	ug/l	96
48) Methyl methacrylate	9.682	41	262505	65.120	ug/l #	77
49) 1,4-Dioxane	9.694	88	90244	1266.962	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1671177	322.542	ug/l	90
52) Toluene	10.635	92	592382	58.303	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	363869	58.196	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	395103	57.975	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	239803	58.679	ug/l	98
56) Ethyl methacrylate	10.876	69	362043	62.108	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	426475	59.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	884708	299.447	ug/l	89
59) 2-Hexanone	11.200	43	1198735	302.431	ug/l	89
60) Dibromochloromethane	11.359	129	249917	57.132	ug/l	100
61) 1,2-Dibromoethane	11.470	107	236919	57.760	ug/l	99
64) Tetrachloroethene	11.106	164	190048	56.409	ug/l	97
65) Chlorobenzene	11.894	112	618198	54.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	233819	57.511	ug/l	97
67) Ethyl Benzene	11.965	91	1135233	57.743	ug/l	95
68) m/p-Xylenes	12.076	106	844562	115.319	ug/l	93
69) o-Xylene	12.400	106	412147	58.441	ug/l	92
70) Styrene	12.412	104	698169	61.601	ug/l	97
71) Bromoform	12.582	173	170539	59.073	ug/l #	99
73) Isopropylbenzene	12.700	105	1052793	56.475	ug/l	98
74) N-amyl acetate	12.500	43	450695	55.389	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	356514	53.939	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	280215m	48.593	ug/l	
77) Bromobenzene	12.982	156	245516	53.794	ug/l	91
78) n-propylbenzene	13.041	91	1232615	57.740	ug/l	98
79) 2-Chlorotoluene	13.129	91	768781	56.373	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	855447	58.981	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	117139	55.268	ug/l	93
82) 4-Chlorotoluene	13.223	91	763527	56.342	ug/l	98
83) tert-Butylbenzene	13.441	119	700831	59.032	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	857179	60.070	ug/l	100
85) sec-Butylbenzene	13.617	105	987008	60.007	ug/l	99
86) p-Isopropyltoluene	13.735	119	816396	60.878	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	447849	52.748	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	448820	52.080	ug/l	100
89) n-Butylbenzene	14.059	91	682074	59.052	ug/l	99
90) Hexachloroethane	14.335	117	150599	56.705	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	441367	55.068	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67453	60.180	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	215476	56.541	ug/l	97
94) Hexachlorobutadiene	15.506	225	96646	55.942	ug/l	99
95) Naphthalene	15.647	128	681110	52.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	207920	55.658	ug/l	97

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

