

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077230.D
 Acq On : 28 Mar 2023 11:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023

Quant Time: Mar 29 01:10:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	276049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	481365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	464043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	237318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	226345	52.441	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.880%			
35) Dibromofluoromethane	8.172	113	158905	48.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.300%			
50) Toluene-d8	10.572	98	652313	53.298	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.600%			
62) 4-Bromofluorobenzene	12.854	95	221594	55.167	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	132290	45.940	ug/l	100
3) Chloromethane	2.372	50	195922	48.499	ug/l	97
4) Vinyl Chloride	2.525	62	400411	87.754	ug/l	100
5) Bromomethane	2.949	94	291314	79.983	ug/l	92
6) Chloroethane	3.125	64	312451	78.983	ug/l	95
7) Trichlorofluoromethane	3.507	101	1036973	148.209	ug/l	97
8) Diethyl Ether	3.972	74	102809	44.642	ug/l #	55
9) 1,1,2-Trichlorotrifluo...	4.384	101	145226	48.496	ug/l	94
10) Methyl Iodide	4.596	142	174966	51.786	ug/l	99
11) Tert butyl alcohol	5.531	59	141846	241.135	ug/l	99
12) 1,1-Dichloroethene	4.349	96	134599	47.255	ug/l	83
13) Acrolein	4.190	56	196014	237.575	ug/l	100
14) Allyl chloride	5.031	41	247438	46.239	ug/l #	88
15) Acrylonitrile	5.725	53	424036	231.225	ug/l	98
16) Acetone	4.437	43	414214	258.103	ug/l	89
17) Carbon Disulfide	4.725	76	367003	46.047	ug/l	100
18) Methyl Acetate	5.025	43	312296	48.641	ug/l #	82
19) Methyl tert-butyl Ether	5.801	73	514221	50.787	ug/l	92
20) Methylene Chloride	5.290	84	165114	46.203	ug/l #	73
21) trans-1,2-Dichloroethene	5.795	96	145969	46.698	ug/l #	84
22) Diisopropyl ether	6.678	45	566235	49.091	ug/l #	88
23) Vinyl Acetate	6.613	43	1937257	260.284	ug/l #	86
24) 1,1-Dichloroethane	6.578	63	304707	47.252	ug/l	97
25) 2-Butanone	7.490	43	625408	249.234	ug/l #	81
26) 2,2-Dichloropropane	7.495	77	240350	54.048	ug/l	96
27) cis-1,2-Dichloroethene	7.490	96	175633	48.711	ug/l	81
28) Bromochloromethane	7.819	49	168373	51.203	ug/l #	67
29) Tetrahydrofuran	7.842	42	415597	250.012	ug/l #	74
30) Chloroform	7.972	83	311989	49.121	ug/l	98
31) Cyclohexane	8.260	56	272488	45.446	ug/l #	81
32) 1,1,1-Trichloroethane	8.172	97	271675	49.822	ug/l #	94
36) 1,1-Dichloropropene	8.378	75	231030	50.821	ug/l	94
37) Ethyl Acetate	7.566	43	262641	51.833	ug/l #	87
38) Carbon Tetrachloride	8.366	117	234054	50.779	ug/l	96
39) Methylcyclohexane	9.607	83	277653	52.294	ug/l #	82
40) Benzene	8.613	78	688939	49.450	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	135210	48.822	ug/l #	80
42) 1,2-Dichloroethane	8.672	62	274469	52.250	ug/l	93
43) Isopropyl Acetate	8.695	43	454280	55.571	ug/l #	83
44) Trichloroethene	9.354	130	153019	47.937	ug/l	97
45) 1,2-Dichloropropane	9.625	63	189880	51.246	ug/l	98
46) Dibromomethane	9.707	93	126388	52.190	ug/l	100
47) Bromodichloromethane	9.889	83	251836	52.287	ug/l	96
48) Methyl methacrylate	9.683	41	209952	53.333	ug/l #	73
49) 1,4-Dioxane	9.695	88	66403	989.460	ug/l #	82
51) 4-Methyl-2-Pentanone	10.448	43	1424205	276.893	ug/l #	83
52) Toluene	10.630	92	461627	54.331	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	280659	57.424	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	292601	54.705	ug/l #	81
55) 1,1,2-Trichloroethane	11.019	97	175977	52.760	ug/l	97
56) Ethyl methacrylate	10.878	69	279890	56.845	ug/l #	61
57) 1,3-Dichloropropane	11.166	76	309901	52.118	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	523427	272.523	ug/l	89
59) 2-Hexanone	11.195	43	1022967	276.738	ug/l	80
60) Dibromochloromethane	11.360	129	185516	54.142	ug/l	99
61) 1,2-Dibromoethane	11.472	107	177565	53.568	ug/l	98
64) Tetrachloroethene	11.107	164	134355	46.674	ug/l	95
65) Chlorobenzene	11.895	112	469432	50.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	177172	51.870	ug/l	98
67) Ethyl Benzene	11.966	91	903094	53.096	ug/l	98
68) m/p-Xylenes	12.072	106	705568	109.064	ug/l	96
69) o-Xylene	12.401	106	342449	54.663	ug/l	93
70) Styrene	12.413	104	562644	55.601	ug/l	93
71) Bromoform	12.583	173	138354	54.685	ug/l #	98
73) Isopropylbenzene	12.701	105	868310	46.503	ug/l	97
74) N-amyl acetate	12.495	43	419173	51.518	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.942	83	268707	43.084	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	240531m	49.963	ug/l	
77) Bromobenzene	12.983	156	193850	45.096	ug/l	92
78) n-propylbenzene	13.042	91	1037064	48.160	ug/l	97
79) 2-Chlorotoluene	13.124	91	621681	46.948	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	775297	49.860	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	83953	50.261	ug/l #	80
82) 4-Chlorotoluene	13.224	91	614102	48.858	ug/l	96
83) tert-Butylbenzene	13.442	119	647180	49.211	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	786787	51.489	ug/l	96
85) sec-Butylbenzene	13.619	105	939441	50.084	ug/l	97
86) p-Isopropyltoluene	13.730	119	783162	52.132	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	391431	50.452	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	379777	48.941	ug/l	99
89) n-Butylbenzene	14.060	91	655847	53.251	ug/l	97
90) Hexachloroethane	14.336	117	134540	48.058	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	371686	48.031	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	46893	42.490	ug/l	88
93) 1,2,4-Trichlorobenzene	15.395	180	165488	44.448	ug/l	97
94) Hexachlorobutadiene	15.507	225	87475	44.561	ug/l	98
95) Naphthalene	15.648	128	517201	41.776	ug/l	98
96) 1,2,3-Trichlorobenzene	15.848	180	155894	42.746	ug/l	96

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

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