

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
 Data File : VN079635.D
 Acq On : 23 Oct 2023 09:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2023
 Supervised By : Semsettin Yesilyurt 10/24/2023

Quant Time: Oct 23 23:44:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	265098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	449732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	412239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	211645	49.239	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.480%		
35) Dibromofluoromethane	8.171	113	169793	52.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.080%		
50) Toluene-d8	10.571	98	623869	53.349	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.700%		
62) 4-Bromofluorobenzene	12.847	95	204202	54.412	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	157110	41.359	ug/l	99
3) Chloromethane	2.365	50	191267	40.353	ug/l	99
4) Vinyl Chloride	2.518	62	210997	42.797	ug/l	96
5) Bromomethane	2.954	94	117931	39.957	ug/l	100
6) Chloroethane	3.124	64	141192	37.986	ug/l	98
7) Trichlorofluoromethane	3.501	101	265889	45.677	ug/l	100
8) Diethyl Ether	3.965	74	94434	45.505	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.377	101	152704	44.890	ug/l	100
10) Methyl Iodide	4.595	142	175078	59.311	ug/l	96
11) Tert butyl alcohol	5.524	59	111184	171.863	ug/l	98
12) 1,1-Dichloroethene	4.342	96	141690	45.237	ug/l	82
13) Acrolein	4.177	56	103265	160.307	ug/l	98
14) Allyl chloride	5.030	41	224400	44.396	ug/l #	90
15) Acrylonitrile	5.718	53	405993	216.463	ug/l	99
16) Acetone	4.424	43	484309	284.073	ug/l	92
17) Carbon Disulfide	4.718	76	398783	40.817	ug/l	99
18) Methyl Acetate	5.024	43	327909	39.297	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	485203	47.677	ug/l	94
20) Methylene Chloride	5.283	84	176386	47.212	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	162830	44.510	ug/l #	81
22) Diisopropyl ether	6.677	45	554213	48.898	ug/l #	91
23) Vinyl Acetate	6.606	43	1472460	230.959	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	325888	46.981	ug/l	97
25) 2-Butanone	7.489	43	591223	233.648	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	268482	50.646	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	190718	47.989	ug/l	86
28) Bromochloromethane	7.818	49	164819	49.939	ug/l #	73
29) Tetrahydrofuran	7.841	42	348493	212.947	ug/l #	75
30) Chloroform	7.965	83	331579	47.310	ug/l	93
31) Cyclohexane	8.259	56	259186	42.510	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	279477	47.384	ug/l	94
36) 1,1-Dichloropropene	8.371	75	244817	50.471	ug/l	95
37) Ethyl Acetate	7.565	43	219513	45.480	ug/l #	90
38) Carbon Tetrachloride	8.365	117	237857	48.982	ug/l	98
39) Methylcyclohexane	9.606	83	229124	49.165	ug/l #	85
40) Benzene	8.606	78	728217	50.551	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	115395	45.476	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	257871	49.264	ug/l	99
43) Isopropyl Acetate	8.688	43	359428	42.506	ug/l #	91
44) Trichloroethene	9.353	130	169376	49.954	ug/l	98
45) 1,2-Dichloropropane	9.624	63	194794	51.321	ug/l	97
46) Dibromomethane	9.712	93	127923	52.038	ug/l	97
47) Bromodichloromethane	9.888	83	264926	52.391	ug/l	98
48) Methyl methacrylate	9.683	41	170726	47.116	ug/l #	84
49) 1,4-Dioxane	9.694	88	55269	828.070	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1124107	235.493	ug/l	89
52) Toluene	10.635	92	447989	52.831	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	269969	52.978	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	297781	53.381	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	175518	51.557	ug/l	95
56) Ethyl methacrylate	10.877	69	250810	53.615	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	311438	52.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	483395	269.826	ug/l	89
59) 2-Hexanone	11.200	43	845798	245.548	ug/l	88
60) Dibromochloromethane	11.359	129	184719	53.989	ug/l	99
61) 1,2-Dibromoethane	11.471	107	168785	49.959	ug/l	98
64) Tetrachloroethene	11.106	164	137729	48.567	ug/l	97
65) Chlorobenzene	11.894	112	453487	49.396	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	175898	52.328	ug/l	99
67) Ethyl Benzene	11.965	91	844632	52.932	ug/l	96
68) m/p-Xylenes	12.071	106	640459	110.464	ug/l	95
69) o-Xylene	12.400	106	300430	52.689	ug/l	90
70) Styrene	12.412	104	514032	57.074	ug/l	98
71) Bromoform	12.582	173	123349	50.138	ug/l #	99
73) Isopropylbenzene	12.700	105	780571	45.280	ug/l	99
74) N-amyl acetate	12.494	43	293859	41.581	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	249847	44.776	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	216147m	40.457	ug/l	
77) Bromobenzene	12.982	156	185539	43.895	ug/l	98
78) n-propylbenzene	13.035	91	935613	47.970	ug/l	98
79) 2-Chlorotoluene	13.129	91	560766	44.931	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	651243	47.908	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	73719	40.036	ug/l #	86
82) 4-Chlorotoluene	13.223	91	549727	46.288	ug/l	100
83) tert-Butylbenzene	13.441	119	522552	46.919	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	649518	50.067	ug/l	99
85) sec-Butylbenzene	13.618	105	734869	47.305	ug/l	100
86) p-Isopropyltoluene	13.729	119	614253	51.542	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	327807	48.896	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	314696	45.460	ug/l	99
89) n-Butylbenzene	14.059	91	496489	52.170	ug/l	98
90) Hexachloroethane	14.335	117	118915	49.132	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	310949	47.549	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37792	37.913	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	101877	50.300	ug/l	99
94) Hexachlorobutadiene	15.500	225	69737	44.209	ug/l	99
95) Naphthalene	15.641	128	250004	40.422	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	103717	42.912	ug/l	98

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

