

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084080.D
 Acq On : 21 Sep 2024 00:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

Quant Time: Sep 21 03:11:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	133311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	238373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	213848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103088	51.284	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.560%			
35) Dibromofluoromethane	8.165	113	76479	50.116	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	10.565	98	272000	51.558	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.847	95	105185	48.326	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	74339	48.016	ug/l	98
3) Chloromethane	2.359	50	79392	50.225	ug/l	99
4) Vinyl Chloride	2.512	62	79117	46.622	ug/l	98
5) Bromomethane	2.942	94	48550	49.829	ug/l	99
6) Chloroethane	3.112	64	53297	44.774	ug/l #	87
7) Trichlorofluoromethane	3.495	101	142648	49.522	ug/l	98
8) Diethyl Ether	3.959	74	48099	49.814	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	78410	51.356	ug/l	97
10) Methyl Iodide	4.583	142	94991	48.920	ug/l	96
11) Tert butyl alcohol	5.518	59	89372	332.020	ug/l	99
12) 1,1-Dichloroethene	4.342	96	72532	50.303	ug/l	96
13) Acrolein	4.177	56	66650	250.953	ug/l	97
14) Allyl chloride	5.024	41	131446	51.161	ug/l	99
15) Acrylonitrile	5.718	53	222142	303.460	ug/l	100
16) Acetone	4.424	43	193650	240.315	ug/l	96
17) Carbon Disulfide	4.712	76	181080	44.895	ug/l	99
18) Methyl Acetate	5.030	43	113135	68.054	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	281374	53.927	ug/l	99
20) Methylene Chloride	5.277	84	86743	52.603	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	76068	49.226	ug/l	95
22) Diisopropyl ether	6.671	45	298910	56.516	ug/l	98
23) Vinyl Acetate	6.600	43	1090600	281.579	ug/l	98
24) 1,1-Dichloroethane	6.565	63	161768	53.090	ug/l	98
25) 2-Butanone	7.483	43	302682	285.787	ug/l	99
26) 2,2-Dichloropropane	7.489	77	108810	38.776	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	99229	54.094	ug/l	97
28) Bromochloromethane	7.818	49	75512	58.847	ug/l	94
29) Tetrahydrofuran	7.841	42	196070	313.087	ug/l	97
30) Chloroform	7.965	83	173029	53.488	ug/l	100
31) Cyclohexane	8.259	56	129149	44.454	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	158444	53.268	ug/l	97
36) 1,1-Dichloropropene	8.371	75	115821	50.425	ug/l	97
37) Ethyl Acetate	7.559	43	127926	61.358	ug/l	96
38) Carbon Tetrachloride	8.359	117	134325	51.548	ug/l	97
39) Methylcyclohexane	9.600	83	122535	46.869	ug/l	96
40) Benzene	8.606	78	354902	51.335	ug/l	100

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41) Methacrylonitrile	7.777	41	72366	58.685	ug/l	96
42) 1,2-Dichloroethane	8.671	62	134975	52.249	ug/l	100
43) Isopropyl Acetate	8.688	43	231713	61.330	ug/l	98
44) Trichloroethene	9.353	130	79857	49.881	ug/l	92
45) 1,2-Dichloropropane	9.618	63	90460	54.138	ug/l	91
46) Dibromomethane	9.712	93	63624	54.362	ug/l	98
47) Bromodichloromethane	9.888	83	141344	55.803	ug/l	98
48) Methyl methacrylate	9.683	41	102871	57.390	ug/l	99
49) 1,4-Dioxane	9.694	88	35534	1205.049	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	656232	319.082	ug/l	97
52) Toluene	10.630	92	222127	52.528	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	134591	52.423	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	142288	52.760	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	85865	54.389	ug/l	98
56) Ethyl methacrylate	10.877	69	144443	59.468	ug/l	98
57) 1,3-Dichloropropane	11.165	76	149993	55.281	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	311600	356.038	ug/l	96
59) 2-Hexanone	11.194	43	475653	312.655	ug/l	98
60) Dibromochloromethane	11.359	129	103319	58.478	ug/l	97
61) 1,2-Dibromoethane	11.471	107	84916	53.934	ug/l	100
64) Tetrachloroethene	11.100	164	70904	49.857	ug/l	98
65) Chlorobenzene	11.894	112	236932	49.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	86928	52.758	ug/l	99
67) Ethyl Benzene	11.965	91	438884	51.981	ug/l	98
68) m/p-Xylenes	12.071	106	325127	103.721	ug/l	98
69) o-Xylene	12.400	106	157226	51.812	ug/l	98
70) Styrene	12.412	104	278455	55.913	ug/l	99
71) Bromoform	12.576	173	64915	58.465	ug/l #	97
73) Isopropylbenzene	12.694	105	413253	49.426	ug/l	100
74) N-amyl acetate	12.494	43	198322	55.594	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	126298	51.411	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	109682m	50.297	ug/l	
77) Bromobenzene	12.982	156	97984	48.685	ug/l	99
78) n-propylbenzene	13.035	91	499806	51.377	ug/l	99
79) 2-Chlorotoluene	13.123	91	311537	50.214	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	356588	50.585	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	39393m	47.312	ug/l	
82) 4-Chlorotoluene	13.223	91	313517	50.356	ug/l	100
83) tert-Butylbenzene	13.435	119	303931	49.281	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	360997	50.981	ug/l	99
85) sec-Butylbenzene	13.618	105	422648	51.673	ug/l	100
86) p-Isopropyltoluene	13.729	119	350670	51.145	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	185804	48.918	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	183566	47.728	ug/l	99
89) n-Butylbenzene	14.053	91	308272	50.077	ug/l	99
90) Hexachloroethane	14.335	117	69226	50.227	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	179589	48.991	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26245	53.592	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	87891	44.680	ug/l	99
94) Hexachlorobutadiene	15.500	225	39148	46.862	ug/l	99
95) Naphthalene	15.641	128	299898	50.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	89211	47.453	ug/l	99

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

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