

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084448.D
 Acq On : 21 Oct 2024 20:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/22/2024
 Supervised By : Mahesh Dadoda 10/22/2024

Quant Time: Oct 22 01:42:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116690	47.911	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.820%		
35) Dibromofluoromethane	8.165	113	96698	52.045	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.100%		
50) Toluene-d8	10.565	98	354860	51.913	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.820%		
62) 4-Bromofluorobenzene	12.847	95	129892	52.160	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	84821	43.654	ug/l	94
3) Chloromethane	2.359	50	94401	42.550	ug/l	96
4) Vinyl Chloride	2.512	62	95237	44.316	ug/l	100
5) Bromomethane	2.942	94	58167	41.035	ug/l	96
6) Chloroethane	3.112	64	62275	40.462	ug/l	98
7) Trichlorofluoromethane	3.495	101	163261	48.786	ug/l	97
8) Diethyl Ether	3.959	74	60533	48.772	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	95561	49.837	ug/l	99
10) Methyl Iodide	4.589	142	118118	47.834	ug/l	98
11) Tert butyl alcohol	5.518	59	84056	209.300	ug/l	100
12) 1,1-Dichloroethene	4.336	96	91278	49.352	ug/l	98
13) Acrolein	4.183	56	86128	186.809	ug/l	98
14) Allyl chloride	5.024	41	140602	43.772	ug/l	98
15) Acrylonitrile	5.718	53	264703	261.006	ug/l	98
16) Acetone	4.430	43	209499	200.235	ug/l	97
17) Carbon Disulfide	4.712	76	222486	37.994	ug/l	99
18) Methyl Acetate	5.024	43	135697	59.505	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	323965	51.897	ug/l	99
20) Methylene Chloride	5.277	84	108136	50.844	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	95558	49.315	ug/l	98
22) Diisopropyl ether	6.671	45	344689	51.879	ug/l	99
23) Vinyl Acetate	6.600	43	1175888	238.618	ug/l	100
24) 1,1-Dichloroethane	6.571	63	190033	51.145	ug/l	98
25) 2-Butanone	7.483	43	333066	233.725	ug/l	99
26) 2,2-Dichloropropane	7.494	77	149770	44.706	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	118609	50.655	ug/l	97
28) Bromochloromethane	7.812	49	78703	47.474	ug/l	97
29) Tetrahydrofuran	7.841	42	221138	251.461	ug/l	97
30) Chloroform	7.965	83	201338	52.167	ug/l	100
31) Cyclohexane	8.259	56	153399	42.521	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	177818	51.300	ug/l	99
36) 1,1-Dichloropropene	8.371	75	133081	49.312	ug/l	98
37) Ethyl Acetate	7.559	43	133124	48.082	ug/l	99
38) Carbon Tetrachloride	8.359	117	150440	50.818	ug/l	97
39) Methylcyclohexane	9.600	83	138930	46.254	ug/l	99
40) Benzene	8.606	78	428332	50.941	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	76939	51.187	ug/l	97
42) 1,2-Dichloroethane	8.671	62	142985	50.160	ug/l	98
43) Isopropyl Acetate	8.688	43	229980	42.408	ug/l	99
44) Trichloroethene	9.353	130	99355	50.592	ug/l	99
45) 1,2-Dichloropropane	9.618	63	106710	53.648	ug/l	97
46) Dibromomethane	9.706	93	74783	55.712	ug/l	99
47) Bromodichloromethane	9.888	83	159633	53.528	ug/l	98
48) Methyl methacrylate	9.682	41	109772	50.850	ug/l	99
49) 1,4-Dioxane	9.694	88	39543	994.968	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	708662	268.874	ug/l	100
52) Toluene	10.629	92	268587	52.382	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	155308	51.089	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	170218	52.057	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	101779	55.371	ug/l	98
56) Ethyl methacrylate	10.871	69	165318	54.658	ug/l	97
57) 1,3-Dichloropropane	11.159	76	175471	53.424	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	390411	278.254	ug/l	98
59) 2-Hexanone	11.194	43	512990	260.410	ug/l	99
60) Dibromochloromethane	11.359	129	122224	56.277	ug/l	100
61) 1,2-Dibromoethane	11.471	107	100984	52.872	ug/l	100
64) Tetrachloroethene	11.100	164	87525	48.943	ug/l	97
65) Chlorobenzene	11.888	112	285234	50.105	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	104070	53.075	ug/l	99
67) Ethyl Benzene	11.965	91	518810	51.533	ug/l	100
68) m/p-Xylenes	12.070	106	389131	104.492	ug/l	100
69) o-Xylene	12.400	106	188510	53.503	ug/l	99
70) Styrene	12.412	104	329833	55.268	ug/l	99
71) Bromoform	12.576	173	78482	54.365	ug/l #	97
73) Isopropylbenzene	12.694	105	482626	48.507	ug/l	100
74) N-amyl acetate	12.494	43	205514	45.614	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	150053	50.155	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	140435m	52.758	ug/l	
77) Bromobenzene	12.976	156	118173	49.239	ug/l	94
78) n-propylbenzene	13.035	91	573481	49.748	ug/l	99
79) 2-Chlorotoluene	13.123	91	356393	48.450	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	411332	50.681	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	55404	49.901	ug/l	89
82) 4-Chlorotoluene	13.223	91	360840	48.730	ug/l	99
83) tert-Butylbenzene	13.435	119	352909	48.923	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	416913	50.992	ug/l	100
85) sec-Butylbenzene	13.617	105	482488	50.124	ug/l	100
86) p-Isopropyltoluene	13.729	119	404005	50.755	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	217666	48.345	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	218499	48.056	ug/l	99
89) n-Butylbenzene	14.053	91	342382	47.437	ug/l	99
90) Hexachloroethane	14.335	117	74567	46.151	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	214956	48.690	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28592	46.312	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	105156	48.359	ug/l	99
94) Hexachlorobutadiene	15.500	225	47024	43.364	ug/l	98
95) Naphthalene	15.641	128	338368	46.938	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	103615	47.602	ug/l	99

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

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