

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085734.D
 Acq On : 10 Feb 2025 19:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 11 03:29:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	259262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	443928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	390375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	191076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	185876	44.415	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.820%		
35) Dibromofluoromethane	8.165	113	153775	49.931	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.860%		
50) Toluene-d8	10.565	98	555929	50.805	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.620%		
62) 4-Bromofluorobenzene	12.847	95	203792	54.445	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	193680	55.174	ug/l	95
3) Chloromethane	2.359	50	179597	47.253	ug/l	98
4) Vinyl Chloride	2.512	62	196907	51.543	ug/l	98
5) Bromomethane	2.947	94	116700	50.572	ug/l	96
6) Chloroethane	3.118	64	118195	48.800	ug/l	92
7) Trichlorofluoromethane	3.494	101	275273	49.660	ug/l	100
8) Diethyl Ether	3.959	74	97506	50.919	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	154818	49.588	ug/l	98
10) Methyl Iodide	4.588	142	214003	59.855	ug/l	95
11) Tert butyl alcohol	5.518	59	137239	286.384	ug/l	99
12) 1,1-Dichloroethene	4.341	96	150353	54.035	ug/l	87
13) Acrolein	4.177	56	154428	236.067	ug/l	99
14) Allyl chloride	5.024	41	204071	45.198	ug/l	94
15) Acrylonitrile	5.712	53	384474	252.589	ug/l	99
16) Acetone	4.424	43	306483	226.652	ug/l	92
17) Carbon Disulfide	4.712	76	421833	49.238	ug/l	98
18) Methyl Acetate	5.018	43	192845	46.900	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	494423	54.723	ug/l	96
20) Methylene Chloride	5.277	84	168393	50.304	ug/l	88
21) trans-1,2-Dichloroethene	5.788	96	155822	52.401	ug/l	94
22) Diisopropyl ether	6.671	45	479060	47.803	ug/l	94
23) Vinyl Acetate	6.600	43	1752867	249.932	ug/l	95
24) 1,1-Dichloroethane	6.565	63	297058	48.613	ug/l	97
25) 2-Butanone	7.477	43	487967	245.221	ug/l	92
26) 2,2-Dichloropropane	7.488	77	251850	50.977	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	185456	52.950	ug/l	94
28) Bromochloromethane	7.812	49	125852	44.268	ug/l	85
29) Tetrahydrofuran	7.835	42	323905	256.739	ug/l	91
30) Chloroform	7.965	83	308321	48.819	ug/l	99
31) Cyclohexane	8.253	56	238939	44.988	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	277255	50.047	ug/l	95
36) 1,1-Dichloropropene	8.371	75	215775	49.920	ug/l	98
37) Ethyl Acetate	7.553	43	197550	45.280	ug/l #	96
38) Carbon Tetrachloride	8.359	117	244270	49.363	ug/l	99
39) Methylcyclohexane	9.600	83	220053	54.177	ug/l	94
40) Benzene	8.606	78	668291	51.457	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	106931	47.110	ug/l	92
42) 1,2-Dichloroethane	8.671	62	223625	45.718	ug/l	98
43) Isopropyl Acetate	8.688	43	348408	49.838	ug/l	97
44) Trichloroethene	9.353	130	155378	51.396	ug/l	99
45) 1,2-Dichloropropane	9.618	63	162042	48.847	ug/l	100
46) Dibromomethane	9.706	93	116599	48.712	ug/l	94
47) Bromodichloromethane	9.882	83	244306	50.097	ug/l	100
48) Methyl methacrylate	9.676	41	156560	49.765	ug/l	92
49) 1,4-Dioxane	9.688	88	61182	1154.850	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	1023823	252.381	ug/l	94
52) Toluene	10.629	92	419396	55.732	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	245908	53.359	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	265632	53.961	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	155717	52.288	ug/l	98
56) Ethyl methacrylate	10.870	69	251787	50.183	ug/l	88
57) 1,3-Dichloropropane	11.159	76	272119	52.550	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	594308	314.472	ug/l	97
59) 2-Hexanone	11.194	43	741839	259.894	ug/l	91
60) Dibromochloromethane	11.359	129	189230	52.632	ug/l	100
61) 1,2-Dibromoethane	11.465	107	156370	52.750	ug/l	100
64) Tetrachloroethene	11.100	164	141450	53.150	ug/l	95
65) Chlorobenzene	11.888	112	452748	52.942	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	163285	52.023	ug/l	99
67) Ethyl Benzene	11.959	91	783966	56.284	ug/l	97
68) m/p-Xylenes	12.064	106	609359	118.373	ug/l	96
69) o-Xylene	12.394	106	291664	59.286	ug/l	97
70) Styrene	12.412	104	487409	59.865	ug/l	98
71) Bromoform	12.576	173	124067	55.244	ug/l #	100
73) Isopropylbenzene	12.694	105	729301	56.552	ug/l	99
74) N-amyl acetate	12.494	43	286745	49.469	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	225447	49.490	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	179059m	46.106	ug/l	
77) Bromobenzene	12.976	156	178018	52.836	ug/l	95
78) n-propylbenzene	13.035	91	839211	54.970	ug/l	98
79) 2-Chlorotoluene	13.123	91	525231	53.158	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	601378	56.456	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	78030	54.360	ug/l #	81
82) 4-Chlorotoluene	13.217	91	522732	53.134	ug/l	98
83) tert-Butylbenzene	13.435	119	501874	56.104	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	606227	57.101	ug/l	98
85) sec-Butylbenzene	13.611	105	696881	56.209	ug/l	100
86) p-Isopropyltoluene	13.723	119	581123	51.819	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	319919	51.559	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	316227	49.169	ug/l	97
89) n-Butylbenzene	14.053	91	485026	54.531	ug/l	97
90) Hexachloroethane	14.329	117	110652	46.882	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	312433	50.480	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	43823	52.681	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	150156	52.199	ug/l	98
94) Hexachlorobutadiene	15.500	225	72862	47.709	ug/l	98
95) Naphthalene	15.635	128	493568	57.500	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	147693	50.742	ug/l	99

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

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