

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085664.D
 Acq On : 04 Feb 2025 20:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 05 01:11:17 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 02/05/2025
 Supervised By : Mahesh Dadoda 02/06/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	210769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	370923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	331235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143328	42.127	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.260%		
35) Dibromofluoromethane	8.165	113	120407	46.791	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.580%		
50) Toluene-d8	10.565	98	444909	48.662	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.320%		
62) 4-Bromofluorobenzene	12.847	95	153154	48.969	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	159575	55.918	ug/l	99
3) Chloromethane	2.359	50	143147	46.328	ug/l	96
4) Vinyl Chloride	2.512	62	183659	59.136	ug/l	96
5) Bromomethane	2.942	94	115182	61.398	ug/l	92
6) Chloroethane	3.112	64	111613	56.685	ug/l	99
7) Trichlorofluoromethane	3.495	101	228431	50.691	ug/l	96
8) Diethyl Ether	3.959	74	81803	52.547	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.365	101	130239	51.313	ug/l	97
10) Methyl Iodide	4.583	142	167001	57.456	ug/l	94
11) Tert butyl alcohol	5.518	59	107381	275.633	ug/l	98
12) 1,1-Dichloroethene	4.336	96	128149	56.652	ug/l	89
13) Acrolein	4.171	56	111909	210.430	ug/l	97
14) Allyl chloride	5.018	41	156910	42.748	ug/l #	94
15) Acrylonitrile	5.718	53	310565	250.976	ug/l	98
16) Acetone	4.424	43	244927	222.804	ug/l	93
17) Carbon Disulfide	4.706	76	367842	52.815	ug/l	99
18) Methyl Acetate	5.018	43	145654	43.573	ug/l #	89
19) Methyl tert-butyl Ether	5.789	73	408643	55.635	ug/l	97
20) Methylene Chloride	5.277	84	142550	52.381	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	133593	55.262	ug/l	92
22) Diisopropyl ether	6.665	45	378858	46.502	ug/l	97
23) Vinyl Acetate	6.600	43	1426001	250.107	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	245281	49.375	ug/l	98
25) 2-Butanone	7.477	43	390192	241.200	ug/l	92
26) 2,2-Dichloropropane	7.483	77	191354	47.643	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	156691	55.030	ug/l	90
28) Bromochloromethane	7.806	49	85736	37.096	ug/l #	79
29) Tetrahydrofuran	7.835	42	260766	254.248	ug/l #	85
30) Chloroform	7.965	83	252262	49.133	ug/l	96
31) Cyclohexane	8.253	56	194293	44.998	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	225602	50.093	ug/l	94
36) 1,1-Dichloropropene	8.365	75	182370	50.496	ug/l	98
37) Ethyl Acetate	7.559	43	161385	44.271	ug/l #	95
38) Carbon Tetrachloride	8.359	117	203933	49.323	ug/l	95
39) Methylcyclohexane	9.600	83	179020	52.749	ug/l	90
40) Benzene	8.600	78	563231	51.903	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	83931	44.255	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	182452	44.642	ug/l	95
43) Isopropyl Acetate	8.688	43	286907	49.118	ug/l	96
44) Trichloroethene	9.353	130	133186	52.726	ug/l	98
45) 1,2-Dichloropropane	9.618	63	132383	47.761	ug/l	98
46) Dibromomethane	9.706	93	99179	49.589	ug/l	97
47) Bromodichloromethane	9.888	83	203722	49.998	ug/l	100
48) Methyl methacrylate	9.677	41	126761	48.223	ug/l	88
49) 1,4-Dioxane	9.694	88	47549	1074.167	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	825866	243.652	ug/l	92
52) Toluene	10.629	92	352156	56.008	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	201882	52.428	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	217990	52.999	ug/l	91
55) 1,1,2-Trichloroethane	11.012	97	132983	53.443	ug/l	98
56) Ethyl methacrylate	10.871	69	209546	49.991	ug/l	88
57) 1,3-Dichloropropane	11.159	76	225162	52.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	309122	195.762	ug/l	95
59) 2-Hexanone	11.194	43	608742	255.240	ug/l	90
60) Dibromochloromethane	11.359	129	157763	52.516	ug/l	99
61) 1,2-Dibromoethane	11.465	107	134316	54.228	ug/l	98
64) Tetrachloroethene	11.100	164	115593	51.189	ug/l	99
65) Chlorobenzene	11.888	112	389431	53.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	134229	50.402	ug/l	99
67) Ethyl Benzene	11.959	91	660992	55.928	ug/l	99
68) m/p-Xylenes	12.070	106	515763	118.079	ug/l	93
69) o-Xylene	12.394	106	245286	58.761	ug/l	95
70) Styrene	12.412	104	410076	59.359	ug/l	96
71) Bromoform	12.576	173	103515	54.323	ug/l #	99
73) Isopropylbenzene	12.694	105	610580	57.650	ug/l	99
74) N-amyl acetate	12.494	43	239434	50.296	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	191782	51.261	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	155602m	48.784	ug/l	
77) Bromobenzene	12.976	156	147291	53.229	ug/l	93
78) n-propylbenzene	13.035	91	692980	55.269	ug/l	98
79) 2-Chlorotoluene	13.123	91	427216	52.647	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	496596	56.764	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	66887	56.737	ug/l	85
82) 4-Chlorotoluene	13.217	91	429304	53.134	ug/l	96
83) tert-Butylbenzene	13.435	119	411529	56.016	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	499092	57.240	ug/l	97
85) sec-Butylbenzene	13.612	105	569818	55.962	ug/l	99
86) p-Isopropyltoluene	13.729	119	475841	51.682	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	264789	51.961	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	262072	49.616	ug/l	97
89) n-Butylbenzene	14.053	91	382769	52.399	ug/l	99
90) Hexachloroethane	14.329	117	93994	48.490	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	256034	50.370	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33940	49.679	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	118657	50.226	ug/l	100
94) Hexachlorobutadiene	15.500	225	52232	41.644	ug/l	98
95) Naphthalene	15.641	128	399927	56.729	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	116351	48.673	ug/l	100

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

