

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012125\
 Data File : VN085507.D
 Acq On : 21 Jan 2025 10:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 22 00:36:34 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 :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	210524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	345716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	305250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	166331	48.945	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.900%
35) Dibromofluoromethane	8.159	113	122821	51.209	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.420%
50) Toluene-d8	10.559	98	458195	53.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.540%
62) 4-Bromofluorobenzene	12.841	95	159666	54.774	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	140366	49.244	ug/l	99
3) Chloromethane	2.359	50	140066	45.384	ug/l	98
4) Vinyl Chloride	2.518	62	146761	47.310	ug/l	99
5) Bromomethane	2.959	94	89318	47.667	ug/l	94
6) Chloroethane	3.124	64	100815	51.261	ug/l	97
7) Trichlorofluoromethane	3.500	101	240451	53.421	ug/l	99
8) Diethyl Ether	3.953	74	73727	47.414	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	137140	54.095	ug/l	98
10) Methyl Iodide	4.589	142	156238	53.815	ug/l	98
11) Tert butyl alcohol	5.506	59	71206	182.989	ug/l	100
12) 1,1-Dichloroethene	4.342	96	118090	52.266	ug/l	98
13) Acrolein	4.171	56	121401	228.544	ug/l	99
14) Allyl chloride	5.018	41	187848	51.236	ug/l	97
15) Acrylonitrile	5.706	53	277157	224.238	ug/l	100
16) Acetone	4.418	43	219490	199.897	ug/l	99
17) Carbon Disulfide	4.706	76	329386	47.348	ug/l	99
18) Methyl Acetate	5.012	43	150601	45.105	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	399036	54.391	ug/l	99
20) Methylene Chloride	5.277	84	138326	50.888	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	126136	52.238	ug/l	99
22) Diisopropyl ether	6.659	45	449320	55.215	ug/l	97
23) Vinyl Acetate	6.594	43	1501846	263.716	ug/l	99
24) 1,1-Dichloroethane	6.559	63	260993	52.599	ug/l	99
25) 2-Butanone	7.471	43	331477	205.143	ug/l	98
26) 2,2-Dichloropropane	7.482	77	236851	59.040	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	151433	53.246	ug/l	99
28) Bromochloromethane	7.806	49	106505	46.136	ug/l	97
29) Tetrahydrofuran	7.830	42	221089	215.814	ug/l	98
30) Chloroform	7.959	83	257110	50.135	ug/l	98
31) Cyclohexane	8.253	56	201843	46.801	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	229877	51.102	ug/l	99
36) 1,1-Dichloropropene	8.365	75	178605	53.060	ug/l	98
37) Ethyl Acetate	7.553	43	144082	42.407	ug/l	98
38) Carbon Tetrachloride	8.353	117	204961	53.186	ug/l	97
39) Methylcyclohexane	9.594	83	181570	57.401	ug/l	97
40) Benzene	8.600	78	532512	52.650	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	81112	45.887	ug/l	99
42) 1,2-Dichloroethane	8.665	62	195476	51.316	ug/l	100
43) Isopropyl Acetate	8.682	43	245704	45.131	ug/l	98
44) Trichloroethene	9.347	130	121746	51.712	ug/l	95
45) 1,2-Dichloropropane	9.612	63	134373	52.013	ug/l	99
46) Dibromomethane	9.700	93	91500	49.085	ug/l	97
47) Bromodichloromethane	9.882	83	208041	54.780	ug/l	98
48) Methyl methacrylate	9.671	41	122424	49.969	ug/l	98
49) 1,4-Dioxane	9.688	88	29529	715.721	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	719390	227.714	ug/l	100
52) Toluene	10.623	92	328653	56.081	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	197419	55.007	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	214238	55.884	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	119026	51.322	ug/l	97
56) Ethyl methacrylate	10.871	69	174686	44.917	ug/l	97
57) 1,3-Dichloropropane	11.159	76	211165	52.364	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	406194	275.992	ug/l	100
59) 2-Hexanone	11.188	43	497152	223.650	ug/l	100
60) Dibromochloromethane	11.353	129	144556	51.628	ug/l	99
61) 1,2-Dibromoethane	11.465	107	112936	48.920	ug/l	99
64) Tetrachloroethene	11.094	164	116376	55.923	ug/l	98
65) Chlorobenzene	11.888	112	346962	51.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.953	131	125239	51.029	ug/l	99
67) Ethyl Benzene	11.959	91	622597	57.164	ug/l	99
68) m/p-Xylenes	12.065	106	478377	118.843	ug/l	98
69) o-Xylene	12.394	106	221922	57.690	ug/l	99
70) Styrene	12.406	104	380801	59.814	ug/l	98
71) Bromoform	12.570	173	89803	51.139	ug/l #	98
73) Isopropylbenzene	12.688	105	575222	55.796	ug/l	100
74) N-amyl acetate	12.488	43	215074	46.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.929	83	155946	42.822	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	139631m	44.974	ug/l	
77) Bromobenzene	12.976	156	135638	50.358	ug/l	97
78) n-propylbenzene	13.029	91	696632	57.079	ug/l	100
79) 2-Chlorotoluene	13.117	91	417284	52.829	ug/l	99
80) 1,3,5-Trimethylbenzene	13.164	105	491130	57.674	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	52581	45.821	ug/l	95
82) 4-Chlorotoluene	13.217	91	431119	54.817	ug/l	99
83) tert-Butylbenzene	13.435	119	403567	56.434	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	498458	58.730	ug/l	100
85) sec-Butylbenzene	13.611	105	576918	58.208	ug/l	100
86) p-Isopropyltoluene	13.723	119	481130	53.453	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	259664	52.348	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	257377	50.059	ug/l	98
89) n-Butylbenzene	14.053	91	421048	59.215	ug/l	100
90) Hexachloroethane	14.329	117	92360	48.950	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	242940	49.101	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	27813	41.824	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	122326	53.194	ug/l	99
94) Hexachlorobutadiene	15.494	225	61180	50.111	ug/l	98
95) Naphthalene	15.635	128	310259	45.213	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	112075	48.166	ug/l	99

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

