

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085463.D
 Acq On : 15 Jan 2025 15:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 16 01:00:39 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 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	218558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	374640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	166317	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	183857	52.114	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.220%
35) Dibromofluoromethane	8.165	113	134312	51.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.360%
50) Toluene-d8	10.565	98	498748	54.009	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.020%
62) 4-Bromofluorobenzene	12.847	95	177300	56.127	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	149573	50.545	ug/l	99
3) Chloromethane	2.359	50	153360	47.865	ug/l	97
4) Vinyl Chloride	2.512	62	154638	48.017	ug/l	99
5) Bromomethane	2.948	94	89160	45.833	ug/l	100
6) Chloroethane	3.118	64	99471	48.718	ug/l	98
7) Trichlorofluoromethane	3.500	101	234589	50.203	ug/l	98
8) Diethyl Ether	3.959	74	78639	48.714	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	133519	50.730	ug/l	99
10) Methyl Iodide	4.589	142	158063	52.443	ug/l	97
11) Tert butyl alcohol	5.506	59	107622	266.406	ug/l	98
12) 1,1-Dichloroethene	4.342	96	120856	51.524	ug/l	97
13) Acrolein	4.171	56	156827	284.383	ug/l	98
14) Allyl chloride	5.018	41	195577	51.384	ug/l	98
15) Acrylonitrile	5.718	53	337135	262.738	ug/l	98
16) Acetone	4.418	43	286337	251.190	ug/l	97
17) Carbon Disulfide	4.712	76	338441	46.862	ug/l	99
18) Methyl Acetate	5.018	43	179563	51.803	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	424024	55.672	ug/l	100
20) Methylene Chloride	5.277	84	139560	49.455	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	127358	50.805	ug/l	96
22) Diisopropyl ether	6.665	45	467061	55.286	ug/l	96
23) Vinyl Acetate	6.600	43	1731604	292.883	ug/l	99
24) 1,1-Dichloroethane	6.565	63	264195	51.287	ug/l	98
25) 2-Butanone	7.477	43	452029	269.467	ug/l	99
26) 2,2-Dichloropropane	7.488	77	236796	56.857	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	155179	52.557	ug/l	99
28) Bromochloromethane	7.806	49	119440	49.837	ug/l	99
29) Tetrahydrofuran	7.835	42	302642	284.562	ug/l	98
30) Chloroform	7.965	83	271813	51.054	ug/l	99
31) Cyclohexane	8.253	56	218304	48.757	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	237039	50.757	ug/l	97
36) 1,1-Dichloropropene	8.371	75	184438	50.562	ug/l	99
37) Ethyl Acetate	7.553	43	187078	50.810	ug/l	98
38) Carbon Tetrachloride	8.359	117	212942	50.991	ug/l	100
39) Methylcyclohexane	9.594	83	196879	57.436	ug/l	97
40) Benzene	8.600	78	567975	51.821	ug/l	99

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41) Methacrylonitrile	7.771	41	105319	54.981	ug/l	98
42) 1,2-Dichloroethane	8.665	62	213125	51.629	ug/l	99
43) Isopropyl Acetate	8.682	43	339818	57.599	ug/l	96
44) Trichloroethene	9.347	130	125677	49.260	ug/l	95
45) 1,2-Dichloropropane	9.618	63	142897	51.043	ug/l	99
46) Dibromomethane	9.706	93	100497	49.750	ug/l	97
47) Bromodichloromethane	9.882	83	217353	52.814	ug/l	99
48) Methyl methacrylate	9.677	41	153447	57.796	ug/l	98
49) 1,4-Dioxane	9.688	88	43495	972.836	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	967748	282.679	ug/l	100
52) Toluene	10.629	92	349488	55.032	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	217586	55.946	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	231235	55.661	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	130083	51.759	ug/l	99
56) Ethyl methacrylate	10.871	69	211176	49.885	ug/l	98
57) 1,3-Dichloropropane	11.159	76	233088	53.338	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	462882	290.228	ug/l	99
59) 2-Hexanone	11.194	43	703719	292.136	ug/l	99
60) Dibromochloromethane	11.353	129	158806	52.339	ug/l	100
61) 1,2-Dibromoethane	11.465	107	127688	51.040	ug/l	99
64) Tetrachloroethene	11.100	164	106305	47.207	ug/l	99
65) Chlorobenzene	11.888	112	371312	51.313	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	133724	50.351	ug/l	99
67) Ethyl Benzene	11.959	91	665536	56.469	ug/l	99
68) m/p-Xylenes	12.065	106	498925	114.541	ug/l	99
69) o-Xylene	12.394	106	236130	56.724	ug/l	99
70) Styrene	12.406	104	408614	59.312	ug/l	99
71) Bromoform	12.576	173	105169	55.344	ug/l #	98
73) Isopropylbenzene	12.694	105	614595	54.752	ug/l	100
74) N-amyl acetate	12.488	43	283775	56.244	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	195465	49.296	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	154649m	45.748	ug/l	
77) Bromobenzene	12.976	156	146854	50.075	ug/l	99
78) n-propylbenzene	13.035	91	748465	56.324	ug/l	100
79) 2-Chlorotoluene	13.123	91	450235	52.351	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	523728	56.485	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	70693m	56.580	ug/l	
82) 4-Chlorotoluene	13.217	91	459658	53.678	ug/l	100
83) tert-Butylbenzene	13.435	119	437674	56.211	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	531276	57.491	ug/l	100
85) sec-Butylbenzene	13.612	105	626587	58.063	ug/l	100
86) p-Isopropyltoluene	13.729	119	525049	53.560	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	277409	51.364	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	272594	48.694	ug/l	99
89) n-Butylbenzene	14.053	91	455243	58.802	ug/l	99
90) Hexachloroethane	14.329	117	103728	50.491	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	266635	49.494	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36986	51.081	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	133515	53.324	ug/l	99
94) Hexachlorobutadiene	15.500	225	64832	48.771	ug/l	99
95) Naphthalene	15.635	128	399446	53.462	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	128843	50.856	ug/l	99

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

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