

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011425\
 Data File : VN085438.D
 Acq On : 14 Jan 2025 14:56
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/15/2025
 Supervised By : Mahesh Dadoda 01/15/2025

Quant Time: Jan 15 01:41:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 01:28:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	202613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	329363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	298938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	313645	95.899	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	191.800%#	
35) Dibromofluoromethane	8.159	113	236159	103.353	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	206.700%#	
50) Toluene-d8	10.565	98	881956	108.636	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	217.280%#	
62) 4-Bromofluorobenzene	12.847	95	313161	112.765	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	225.520%#	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	269023	98.065	ug/l 99
3) Chloromethane	2.359	50	275415	92.724	ug/l 98
4) Vinyl Chloride	2.512	62	282361	94.576	ug/l 99
5) Bromomethane	2.942	94	158888	88.105	ug/l 98
6) Chloroethane	3.112	64	176111	93.043	ug/l 99
7) Trichlorofluoromethane	3.494	101	423967	97.870	ug/l 100
8) Diethyl Ether	3.953	74	146889	98.154	ug/l 98
9) 1,1,2-Trichlorotrifluo...	4.371	101	239104	97.997	ug/l 99
10) Methyl Iodide	4.589	142	292983	104.856	ug/l 95
11) Tert butyl alcohol	5.512	59	173044	462.061	ug/l 99
12) 1,1-Dichloroethene	4.336	96	222117	102.146	ug/l 99
13) Acrolein	4.171	56	275350	538.600	ug/l 99
14) Allyl chloride	5.018	41	349717	99.111	ug/l 98
15) Acrylonitrile	5.712	53	585370	492.095	ug/l 99
16) Acetone	4.418	43	483221	457.268	ug/l 96
17) Carbon Disulfide	4.712	76	630294	94.140	ug/l 100
18) Methyl Acetate	5.012	43	304226	94.674	ug/l 99
19) Methyl tert-butyl Ether	5.788	73	743008	105.230	ug/l 100
20) Methylene Chloride	5.271	84	254912	97.440	ug/l 98
21) trans-1,2-Dichloroethene	5.783	96	231503	99.618	ug/l 97
22) Diisopropyl ether	6.665	45	820871	104.812	ug/l 99
23) Vinyl Acetate	6.594	43	3029568	550.850	ug/l 99
24) 1,1-Dichloroethane	6.565	63	471831	98.803	ug/l 99
25) 2-Butanone	7.477	43	764979	491.912	ug/l 98
26) 2,2-Dichloropropane	7.482	77	388140	100.530	ug/l 100
27) cis-1,2-Dichloroethene	7.482	96	280197	102.367	ug/l 99
28) Bromochloromethane	7.806	49	214796	96.679	ug/l 100
29) Tetrahydrofuran	7.830	42	503459	510.635	ug/l 99
30) Chloroform	7.959	83	484941	98.253	ug/l 100
31) Cyclohexane	8.253	56	398641	96.041	ug/l 96
32) 1,1,1-Trichloroethane	8.165	97	426782	98.578	ug/l 98
36) 1,1-Dichloropropene	8.365	75	342961	106.945	ug/l 100
37) Ethyl Acetate	7.553	43	326802	100.961	ug/l 97
38) Carbon Tetrachloride	8.359	117	378390	103.065	ug/l 97
39) Methylcyclohexane	9.594	83	371734	123.354	ug/l 99
40) Benzene	8.600	78	1021393	106.001	ug/l 100

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41) Methacrylonitrile	7.777	41	184326	109.454	ug/l	96
42) 1,2-Dichloroethane	8.665	62	374938	103.314	ug/l	100
43) Isopropyl Acetate	8.682	43	549969	106.035	ug/l	100
44) Trichloroethene	9.347	130	238296	106.242	ug/l	96
45) 1,2-Dichloropropane	9.618	63	256964	104.405	ug/l	97
46) Dibromomethane	9.706	93	180990	101.913	ug/l	99
47) Bromodichloromethane	9.882	83	388499	107.377	ug/l	98
48) Methyl methacrylate	9.676	41	267689	114.685	ug/l	99
49) 1,4-Dioxane	9.688	88	83879	2133.992	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	1643800	546.159	ug/l	100
52) Toluene	10.623	92	634743	113.689	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	391238	114.424	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	410403	112.369	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	229522	103.879	ug/l	98
56) Ethyl methacrylate	10.870	69	383663	101.029	ug/l	99
57) 1,3-Dichloropropane	11.159	76	412886	107.469	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	848636	605.243	ug/l	100
59) 2-Hexanone	11.194	43	1178831	556.643	ug/l	99
60) Dibromochloromethane	11.353	129	283361	106.227	ug/l	99
61) 1,2-Dibromoethane	11.465	107	230104	104.623	ug/l	98
64) Tetrachloroethene	11.100	164	209870	102.980	ug/l	98
65) Chlorobenzene	11.888	112	677679	103.482	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	241593	100.517	ug/l	99
67) Ethyl Benzene	11.959	91	1239080	116.169	ug/l	99
68) m/p-Xylenes	12.070	106	927244	235.219	ug/l	99
69) o-Xylene	12.394	106	441279	117.135	ug/l	100
70) Styrene	12.406	104	760136	121.919	ug/l	99
71) Bromoform	12.576	173	186124	108.227	ug/l #	99
73) Isopropylbenzene	12.694	105	1146752	116.221	ug/l	100
74) N-amyl acetate	12.488	43	489217	110.308	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	327767	94.039	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	310115m	104.530	ug/l	
77) Bromobenzene	12.976	156	268616	104.200	ug/l	97
78) n-propylbenzene	13.029	91	1385353	118.600	ug/l	100
79) 2-Chlorotoluene	13.123	91	822258	108.767	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	953066	116.938	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	122508	111.544	ug/l	87
82) 4-Chlorotoluene	13.217	91	832317	110.574	ug/l	99
83) tert-Butylbenzene	13.435	119	797069	116.457	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	971729	119.625	ug/l	100
85) sec-Butylbenzene	13.611	105	1143885	120.587	ug/l	100
86) p-Isopropyltoluene	13.723	119	960747	100.111	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	502960	105.943	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	498709	101.341	ug/l	97
89) n-Butylbenzene	14.053	91	842368	123.781	ug/l	98
90) Hexachloroethane	14.329	117	188541	104.405	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	470919	99.445	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	63846	100.313	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	250787	113.946	ug/l	99
94) Hexachlorobutadiene	15.500	225	112899	96.619	ug/l	99
95) Naphthalene	15.635	128	756816	115.234	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	238860	107.256	ug/l	100

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

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