

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085574.D
 Acq On : 29 Jan 2025 21:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2025
 Supervised By : Mahesh Dadoda 01/30/2025

Quant Time: Jan 30 00:44:15 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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	168481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147944	54.399	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.800%
35) Dibromofluoromethane	8.165	113	106875	50.497	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.000%
50) Toluene-d8	10.565	98	388284	51.636	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.280%
62) 4-Bromofluorobenzene	12.847	95	139501	54.232	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96276	42.205	ug/l	97
3) Chloromethane	2.359	50	107558	43.547	ug/l	100
4) Vinyl Chloride	2.512	62	111029	44.723	ug/l	98
5) Bromomethane	2.942	94	67644	45.108	ug/l	97
6) Chloroethane	3.112	64	77235	49.071	ug/l	95
7) Trichlorofluoromethane	3.495	101	178592	49.579	ug/l	100
8) Diethyl Ether	3.959	74	61751	49.622	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	98541	48.569	ug/l	98
10) Methyl Iodide	4.589	142	120921	52.044	ug/l	99
11) Tert butyl alcohol	5.512	59	99716	320.202	ug/l	100
12) 1,1-Dichloroethene	4.336	96	90406	49.998	ug/l	99
13) Acrolein	4.177	56	118336	278.365	ug/l	99
14) Allyl chloride	5.024	41	145612	49.627	ug/l	98
15) Acrylonitrile	5.718	53	298545	301.818	ug/l	99
16) Acetone	4.424	43	264094	300.538	ug/l	98
17) Carbon Disulfide	4.712	76	225591	40.520	ug/l	100
18) Methyl Acetate	5.024	43	172320	64.489	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	343752	58.547	ug/l	98
20) Methylene Chloride	5.271	84	111789	51.388	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	96747	50.065	ug/l	97
22) Diisopropyl ether	6.671	45	372683	57.226	ug/l	99
23) Vinyl Acetate	6.600	43	1365846	299.684	ug/l	99
24) 1,1-Dichloroethane	6.565	63	213562	53.780	ug/l	99
25) 2-Butanone	7.483	43	403386	311.943	ug/l	98
26) 2,2-Dichloropropane	7.488	77	149922	46.697	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	121209	53.254	ug/l	98
28) Bromochloromethane	7.812	49	94958	51.399	ug/l	98
29) Tetrahydrofuran	7.835	42	267925	326.795	ug/l	99
30) Chloroform	7.965	83	221039	53.857	ug/l	95
31) Cyclohexane	8.253	56	148891	43.138	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	190835	53.009	ug/l	96
36) 1,1-Dichloropropene	8.371	75	139533	46.975	ug/l	99
37) Ethyl Acetate	7.559	43	164074	54.725	ug/l	98
38) Carbon Tetrachloride	8.359	117	166315	48.908	ug/l	97
39) Methylcyclohexane	9.600	83	123805	44.354	ug/l	98
40) Benzene	8.606	78	447234	50.110	ug/l	100

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41) Methacrylonitrile	7.777	41	87028	55.793	ug/l	99
42) 1,2-Dichloroethane	8.671	62	172479	51.311	ug/l	99
43) Isopropyl Acetate	8.688	43	319404m	66.485	ug/l	
44) Trichloroethene	9.347	130	97582	46.970	ug/l	99
45) 1,2-Dichloropropane	9.618	63	117596	51.584	ug/l	96
46) Dibromomethane	9.706	93	84062	51.103	ug/l	98
47) Bromodichloromethane	9.882	83	180385	53.826	ug/l	98
48) Methyl methacrylate	9.682	41	129780	60.029	ug/l	99
49) 1,4-Dioxane	9.694	88	45020	1236.570	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	872839	313.096	ug/l	99
52) Toluene	10.629	92	271965	52.591	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	168202	53.111	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	176598	52.203	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	110823	54.151	ug/l	98
56) Ethyl methacrylate	10.871	69	174510	50.595	ug/l	98
57) 1,3-Dichloropropane	11.159	76	191144	53.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	354379	272.866	ug/l	99
59) 2-Hexanone	11.194	43	642961	327.781	ug/l	99
60) Dibromochloromethane	11.359	129	132278	53.537	ug/l	98
61) 1,2-Dibromoethane	11.465	107	106771	52.412	ug/l	99
64) Tetrachloroethene	11.100	164	81190	43.891	ug/l	99
65) Chlorobenzene	11.888	112	297704	50.084	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	114516	52.491	ug/l	97
67) Ethyl Benzene	11.959	91	517417	53.444	ug/l	99
68) m/p-Xylenes	12.070	106	398409	111.347	ug/l	100
69) o-Xylene	12.394	106	186944	54.670	ug/l	98
70) Styrene	12.412	104	330000	58.313	ug/l	100
71) Bromoform	12.576	173	89706	57.468	ug/l #	100
73) Isopropylbenzene	12.694	105	476133	51.652	ug/l	99
74) N-amyl acetate	12.494	43	237742	57.379	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	172051	52.838	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	139755m	50.343	ug/l	
77) Bromobenzene	12.976	156	119987	49.821	ug/l	99
78) n-propylbenzene	13.035	91	569615	52.197	ug/l	100
79) 2-Chlorotoluene	13.123	91	357347	50.597	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	408977	53.712	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	54701	53.312	ug/l	90
82) 4-Chlorotoluene	13.217	91	359485	51.120	ug/l	99
83) tert-Butylbenzene	13.435	119	333380	52.138	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	418062	55.088	ug/l	99
85) sec-Butylbenzene	13.612	105	471264	53.177	ug/l	100
86) p-Isopropyltoluene	13.729	119	388549	48.830	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	222505	50.167	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	218940	47.624	ug/l	98
89) n-Butylbenzene	14.053	91	315429	49.613	ug/l	100
90) Hexachloroethane	14.329	117	83429	49.451	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	216362	48.906	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33473	56.294	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	98063	47.691	ug/l	99
94) Hexachlorobutadiene	15.500	225	46467	42.566	ug/l	98
95) Naphthalene	15.641	128	322943	52.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	101205	48.643	ug/l	99

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

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