

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085589.D
 Acq On : 30 Jan 2025 19:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2025
 Supervised By : Semsettin Yesilyurt 01/31/2025

Quant Time: Jan 31 02:40:30 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	196214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	335615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162831	51.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.820%
35) Dibromofluoromethane	8.165	113	117594	50.505	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.020%
50) Toluene-d8	10.565	98	434546	52.529	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.060%
62) 4-Bromofluorobenzene	12.847	95	156024	55.135	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.280%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	104463	39.321	ug/l 97
3) Chloromethane	2.359	50	113764	39.550	ug/l 98
4) Vinyl Chloride	2.512	62	124056	42.908	ug/l 99
5) Bromomethane	2.947	94	72732	41.646	ug/l 97
6) Chloroethane	3.118	64	83846	45.742	ug/l 99
7) Trichlorofluoromethane	3.495	101	187996	44.813	ug/l 99
8) Diethyl Ether	3.965	74	68426	47.214	ug/l 98
9) 1,1,2-Trichlorotrifluo...	4.371	101	107145	45.345	ug/l 99
10) Methyl Iodide	4.583	142	132651	49.023	ug/l 98
11) Tert butyl alcohol	5.518	59	102264	281.970	ug/l 100
12) 1,1-Dichloroethene	4.336	96	95439	45.321	ug/l 97
13) Acrolein	4.177	56	100387	202.767	ug/l 99
14) Allyl chloride	5.024	41	159132	46.569	ug/l 98
15) Acrylonitrile	5.718	53	309432	268.609	ug/l 100
16) Acetone	4.424	43	260799	254.840	ug/l 97
17) Carbon Disulfide	4.712	76	229703	35.427	ug/l 99
18) Methyl Acetate	5.018	43	179430	57.659	ug/l 100
19) Methyl tert-butyl Ether	5.794	73	377960	55.275	ug/l 99
20) Methylene Chloride	5.277	84	118994	46.969	ug/l 96
21) trans-1,2-Dichloroethene	5.783	96	100903	44.835	ug/l 97
22) Diisopropyl ether	6.671	45	398907	52.595	ug/l 98
23) Vinyl Acetate	6.600	43	1434572	270.274	ug/l 98
24) 1,1-Dichloroethane	6.565	63	226122	48.895	ug/l 98
25) 2-Butanone	7.482	43	415823	276.111	ug/l 98
26) 2,2-Dichloropropane	7.488	77	190331	50.904	ug/l 99
27) cis-1,2-Dichloroethene	7.482	96	130341	49.172	ug/l 99
28) Bromochloromethane	7.812	49	96493	44.848	ug/l 98
29) Tetrahydrofuran	7.835	42	273886	286.849	ug/l 99
30) Chloroform	7.965	83	231846	48.506	ug/l 98
31) Cyclohexane	8.253	56	163440	40.660	ug/l 98
32) 1,1,1-Trichloroethane	8.165	97	202572	48.316	ug/l 98
36) 1,1-Dichloropropene	8.371	75	149170	45.649	ug/l 99
37) Ethyl Acetate	7.559	43	166099	50.358	ug/l 99
38) Carbon Tetrachloride	8.359	117	174494	46.643	ug/l 97
39) Methylcyclohexane	9.600	83	142657	46.457	ug/l 98
40) Benzene	8.606	78	468453	47.711	ug/l 99

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41) Methacrylonitrile	7.771	41	92010	53.618	ug/l	98
42) 1,2-Dichloroethane	8.671	62	180158	48.718	ug/l	100
43) Isopropyl Acetate	8.682	43	295453	55.903	ug/l	98
44) Trichloroethene	9.347	130	105161	46.011	ug/l	94
45) 1,2-Dichloropropane	9.618	63	124479	49.634	ug/l	98
46) Dibromomethane	9.706	93	86879	48.009	ug/l	99
47) Bromodichloromethane	9.882	83	190657	51.714	ug/l	100
48) Methyl methacrylate	9.676	41	135987	57.175	ug/l	98
49) 1,4-Dioxane	9.694	88	44692	1115.842	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	894830	291.772	ug/l	100
52) Toluene	10.629	92	293434	51.578	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	185623	53.277	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	195455	52.519	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	115952	51.501	ug/l	98
56) Ethyl methacrylate	10.871	69	189877	50.062	ug/l	100
57) 1,3-Dichloropropane	11.159	76	206402	52.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	372287	260.567	ug/l	100
59) 2-Hexanone	11.194	43	649161	300.823	ug/l	100
60) Dibromochloromethane	11.359	129	142533	52.438	ug/l	99
61) 1,2-Dibromoethane	11.465	107	114468	51.076	ug/l	99
64) Tetrachloroethene	11.100	164	94335	46.147	ug/l	98
65) Chlorobenzene	11.888	112	322603	49.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	119573	49.597	ug/l	98
67) Ethyl Benzene	11.959	91	558745	52.224	ug/l	100
68) m/p-Xylenes	12.065	106	419759	106.156	ug/l	100
69) o-Xylene	12.394	106	203725	53.912	ug/l	99
70) Styrene	12.406	104	352471	56.360	ug/l	100
71) Bromoform	12.576	173	93492	54.197	ug/l #	98
73) Isopropylbenzene	12.694	105	522932	52.104	ug/l	99
74) N-amyl acetate	12.494	43	245884	54.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	175616	49.536	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	147731m	48.878	ug/l	
77) Bromobenzene	12.976	156	126143	48.107	ug/l	98
78) n-propylbenzene	13.035	91	613075	51.600	ug/l	100
79) 2-Chlorotoluene	13.123	91	384964	50.064	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	444548	53.624	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	61186	54.771	ug/l	89
82) 4-Chlorotoluene	13.217	91	384892	50.271	ug/l	100
83) tert-Butylbenzene	13.435	119	367782	52.829	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	445077	53.867	ug/l	99
85) sec-Butylbenzene	13.612	105	511233	52.984	ug/l	100
86) p-Isopropyltoluene	13.729	119	425364	49.070	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	231245	47.888	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	231814	46.314	ug/l	98
89) n-Butylbenzene	14.053	91	356860	51.554	ug/l	98
90) Hexachloroethane	14.329	117	86662	47.180	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	230150	47.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34539	53.352	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	111833	49.955	ug/l	99
94) Hexachlorobutadiene	15.494	225	51730	43.524	ug/l	98
95) Naphthalene	15.635	128	363079	54.350	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	109924	48.527	ug/l	98

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

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