

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
 Data File : VN085524.D
 Acq On : 27 Jan 2025 18:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025

Quant Time: Jan 28 02:04:07 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	8.224	168	195491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	326438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149394	47.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.680%
35) Dibromofluoromethane	8.165	113	113261	50.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.020%
50) Toluene-d8	10.565	98	408294	50.743	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.847	95	150152	54.552	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	113811	42.998	ug/l	98
3) Chloromethane	2.359	50	120819	42.158	ug/l	99
4) Vinyl Chloride	2.512	62	125876	43.698	ug/l	99
5) Bromomethane	2.948	94	74346	42.728	ug/l	100
6) Chloroethane	3.112	64	78989	43.252	ug/l	99
7) Trichlorofluoromethane	3.495	101	197864	47.340	ug/l	98
8) Diethyl Ether	3.959	74	68794	47.644	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	114189	48.505	ug/l	97
10) Methyl Iodide	4.589	142	134191	49.776	ug/l	97
11) Tert butyl alcohol	5.512	59	103793	287.244	ug/l	100
12) 1,1-Dichloroethene	4.342	96	101977	48.605	ug/l	98
13) Acrolein	4.177	56	140674	285.191	ug/l	98
14) Allyl chloride	5.024	41	183005	53.754	ug/l	92
15) Acrylonitrile	5.712	53	303525	264.456	ug/l	100
16) Acetone	4.424	43	259629	254.635	ug/l	100
17) Carbon Disulfide	4.712	76	253961	39.313	ug/l	98
18) Methyl Acetate	5.018	43	172920	55.772	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	372873	54.733	ug/l	98
20) Methylene Chloride	5.271	84	117951	46.729	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	104013	46.388	ug/l	96
22) Diisopropyl ether	6.665	45	394458	52.201	ug/l	98
23) Vinyl Acetate	6.600	43	1433922	271.151	ug/l	100
24) 1,1-Dichloroethane	6.565	63	225849	49.016	ug/l	99
25) 2-Butanone	7.477	43	409881	273.172	ug/l	99
26) 2,2-Dichloropropane	7.489	77	194573	52.231	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	130270	49.327	ug/l	97
28) Bromochloromethane	7.812	49	100652	46.954	ug/l	98
29) Tetrahydrofuran	7.836	42	266013	279.634	ug/l	99
30) Chloroform	7.959	83	235754	49.506	ug/l	98
31) Cyclohexane	8.253	56	172463	43.064	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	207732	49.730	ug/l	97
36) 1,1-Dichloropropene	8.365	75	151368	47.624	ug/l	98
37) Ethyl Acetate	7.559	43	167621	52.248	ug/l	98
38) Carbon Tetrachloride	8.359	117	180906	49.716	ug/l	97
39) Methylcyclohexane	9.600	83	149308	49.990	ug/l	98
40) Benzene	8.600	78	476956	49.942	ug/l	99

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41) Methacrylonitrile	7.777	41	91194	54.637	ug/l	100
42) 1,2-Dichloroethane	8.665	62	183028	50.885	ug/l	99
43) Isopropyl Acetate	8.683	43	280044	54.477	ug/l	99
44) Trichloroethene	9.347	130	108863	48.970	ug/l	94
45) 1,2-Dichloropropane	9.618	63	123503	50.629	ug/l	100
46) Dibromomethane	9.706	93	86174	48.958	ug/l	96
47) Bromodichloromethane	9.883	83	187790	52.368	ug/l	99
48) Methyl methacrylate	9.677	41	134347	58.074	ug/l	99
49) 1,4-Dioxane	9.688	88	46159	1184.868	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	873433	292.802	ug/l	100
52) Toluene	10.630	92	294190	53.165	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	185443	54.722	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	194018	53.599	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	115506	52.745	ug/l	96
56) Ethyl methacrylate	10.871	69	184203	49.936	ug/l	99
57) 1,3-Dichloropropane	11.159	76	200950	52.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	358750	258.151	ug/l	100
59) 2-Hexanone	11.194	43	636837	303.408	ug/l	100
60) Dibromochloromethane	11.359	129	139426	52.737	ug/l	98
61) 1,2-Dibromoethane	11.465	107	113079	51.875	ug/l	100
64) Tetrachloroethene	11.100	164	98858	48.802	ug/l	98
65) Chlorobenzene	11.888	112	320979	49.311	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	119250	49.915	ug/l	98
67) Ethyl Benzene	11.959	91	562927	53.096	ug/l	97
68) m/p-Xylenes	12.071	106	430655	109.908	ug/l	100
69) o-Xylene	12.394	106	206706	55.201	ug/l	99
70) Styrene	12.412	104	355405	57.349	ug/l	99
71) Bromoform	12.576	173	93545	54.724	ug/l #	98
73) Isopropylbenzene	12.694	105	530349	53.288	ug/l	99
74) N-amyl acetate	12.494	43	242342	54.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	173604	49.380	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	140966m	47.032	ug/l	
77) Bromobenzene	12.976	156	128828	49.545	ug/l	100
78) n-propylbenzene	13.035	91	631069	53.561	ug/l	100
79) 2-Chlorotoluene	13.123	91	389778	51.116	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	448093	54.507	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	60076	54.230	ug/l	91
82) 4-Chlorotoluene	13.218	91	389984	51.364	ug/l	100
83) tert-Butylbenzene	13.435	119	370667	53.691	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	452976	55.284	ug/l	99
85) sec-Butylbenzene	13.612	105	522355	54.592	ug/l	100
86) p-Isopropyltoluene	13.729	119	433479	50.276	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	241073	50.343	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	235549	47.456	ug/l	98
89) n-Butylbenzene	14.053	91	360467	52.513	ug/l	99
90) Hexachloroethane	14.329	117	88199	48.421	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	232695	48.716	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34097	53.112	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	109935	49.520	ug/l	100
94) Hexachlorobutadiene	15.500	225	54675	46.389	ug/l	98
95) Naphthalene	15.635	128	343781	51.894	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	107148	47.699	ug/l	98

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

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