

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085546.D
 Acq On : 28 Jan 2025 18:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2025
 Supervised By : Semsettin Yesilyurt 01/29/2025

Quant Time: Jan 29 03:39:00 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	187799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165633	54.638	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.280%	
35) Dibromofluoromethane	8.165	113	120592	55.349	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.700%	
50) Toluene-d8	10.565	98	438659	56.666	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.340%#	
62) 4-Bromofluorobenzene	12.847	95	157860	59.614	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 119.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	109169	42.934	ug/l	94
3) Chloromethane	2.359	50	113732	41.310	ug/l	100
4) Vinyl Chloride	2.512	62	120445	43.525	ug/l	98
5) Bromomethane	2.936	94	67919	40.633	ug/l	97
6) Chloroethane	3.106	64	80051	45.629	ug/l	97
7) Trichlorofluoromethane	3.495	101	194108	48.343	ug/l	98
8) Diethyl Ether	3.959	74	65944	47.541	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	110829	49.006	ug/l	99
10) Methyl Iodide	4.589	142	128917	49.778	ug/l	98
11) Tert butyl alcohol	5.518	59	122061	351.637	ug/l	99
12) 1,1-Dichloroethene	4.336	96	98130	48.687	ug/l	97
13) Acrolein	4.177	56	129555	273.407	ug/l	100
14) Allyl chloride	5.024	41	155852	47.653	ug/l	98
15) Acrylonitrile	5.712	53	310806	281.891	ug/l	98
16) Acetone	4.424	43	267295	272.891	ug/l	99
17) Carbon Disulfide	4.712	76	245541	39.567	ug/l	99
18) Methyl Acetate	5.018	43	178998	60.097	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	358554	54.787	ug/l	99
20) Methylene Chloride	5.271	84	119628	49.335	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	103142	47.884	ug/l	97
22) Diisopropyl ether	6.671	45	392245	54.034	ug/l	99
23) Vinyl Acetate	6.600	43	1454703	286.348	ug/l	98
24) 1,1-Dichloroethane	6.565	63	222797	50.334	ug/l	98
25) 2-Butanone	7.482	43	423099	293.531	ug/l	99
26) 2,2-Dichloropropane	7.488	77	189076	52.834	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	130214	51.325	ug/l	99
28) Bromochloromethane	7.812	49	89552	43.487	ug/l	98
29) Tetrahydrofuran	7.835	42	275635	301.616	ug/l	100
30) Chloroform	7.965	83	232517	50.826	ug/l	99
31) Cyclohexane	8.253	56	166703	43.331	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	202362	50.429	ug/l	98
36) 1,1-Dichloropropene	8.371	75	152437	49.851	ug/l	99
37) Ethyl Acetate	7.559	43	171657	55.616	ug/l	98
38) Carbon Tetrachloride	8.359	117	179826	51.368	ug/l	98
39) Methylcyclohexane	9.600	83	143759	50.030	ug/l	98
40) Benzene	8.606	78	470586	51.218	ug/l	99

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41) Methacrylonitrile	7.777	41	97709	60.848	ug/l	97
42) 1,2-Dichloroethane	8.671	62	179469	51.863	ug/l	100
43) Isopropyl Acetate	8.688	43	345380	69.836	ug/l #	91
44) Trichloroethene	9.347	130	106986	50.023	ug/l	97
45) 1,2-Dichloropropane	9.618	63	122928	52.380	ug/l	98
46) Dibromomethane	9.706	93	87054	51.408	ug/l	98
47) Bromodichloromethane	9.888	83	188980	54.778	ug/l	97
48) Methyl methacrylate	9.676	41	134702	60.523	ug/l	98
49) 1,4-Dioxane	9.694	88	46510	1240.952	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	906426	315.843	ug/l	100
52) Toluene	10.629	92	289726	54.423	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	182074	55.846	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	188960	54.260	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	115272	54.714	ug/l	98
56) Ethyl methacrylate	10.871	69	183142	51.541	ug/l	98
57) 1,3-Dichloropropane	11.159	76	203386	55.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	389176	291.087	ug/l	100
59) 2-Hexanone	11.194	43	659035	326.364	ug/l	99
60) Dibromochloromethane	11.359	129	139526	54.855	ug/l	98
61) 1,2-Dibromoethane	11.470	107	112753	53.765	ug/l	99
64) Tetrachloroethene	11.100	164	88612	45.330	ug/l	99
65) Chlorobenzene	11.888	112	315889	50.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	117993	51.180	ug/l	98
67) Ethyl Benzene	11.965	91	555215	54.268	ug/l	99
68) m/p-Xylenes	12.070	106	423444	111.987	ug/l	99
69) o-Xylene	12.394	106	199877	55.313	ug/l	99
70) Styrene	12.412	104	347052	58.032	ug/l	100
71) Bromoform	12.576	173	92343	55.980	ug/l #	99
73) Isopropylbenzene	12.694	105	518634	53.526	ug/l	99
74) N-amyl acetate	12.494	43	244112	56.051	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	176292	51.507	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	145886m	49.995	ug/l	
77) Bromobenzene	12.976	156	127032	50.181	ug/l	100
78) n-propylbenzene	13.035	91	616293	53.728	ug/l	99
79) 2-Chlorotoluene	13.123	91	384370	51.776	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	432662	54.059	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	61346	56.880	ug/l	90
82) 4-Chlorotoluene	13.217	91	383756	51.917	ug/l	99
83) tert-Butylbenzene	13.435	119	354690	52.772	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	443501	55.598	ug/l	99
85) sec-Butylbenzene	13.617	105	504931	54.205	ug/l	100
86) p-Isopropyltoluene	13.729	119	422476	50.325	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	233419	50.068	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	229722	47.539	ug/l	100
89) n-Butylbenzene	14.053	91	351230	52.557	ug/l	99
90) Hexachloroethane	14.329	117	86748	48.917	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	228524	49.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34650	55.439	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	108928	50.399	ug/l	99
94) Hexachlorobutadiene	15.500	225	49834	43.430	ug/l	95
95) Naphthalene	15.641	128	342729	53.141	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	107618	49.210	ug/l	99

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

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