

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021425\
 Data File : VN085763.D
 Acq On : 14 Feb 2025 11:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 14 22:33:44 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/17/2025
 Supervised By :Semsettin Yesilyurt 02/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	242362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	393681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	360354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	185239	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	184021	47.037	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.080%
35) Dibromofluoromethane	8.159	113	153147	56.074	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.140%
50) Toluene-d8	10.565	98	537460	55.386	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.780%
62) 4-Bromofluorobenzene	12.847	95	196423	59.174	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	118.340%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	185437	56.510	ug/l	98
3) Chloromethane	2.359	50	172441	48.534	ug/l	97
4) Vinyl Chloride	2.512	62	185170	51.850	ug/l	97
5) Bromomethane	2.954	94	117093	54.280	ug/l	97
6) Chloroethane	3.118	64	115575	51.046	ug/l	99
7) Trichlorofluoromethane	3.501	101	260686	50.308	ug/l	99
8) Diethyl Ether	3.959	74	91196	50.944	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	154391	52.899	ug/l	98
10) Methyl Iodide	4.583	142	193230	57.814	ug/l	93
11) Tert butyl alcohol	5.512	59	107653	240.310	ug/l	98
12) 1,1-Dichloroethene	4.336	96	138202	53.132	ug/l	91
13) Acrolein	4.177	56	106242	173.732	ug/l	99
14) Allyl chloride	5.024	41	182200	43.168	ug/l	90
15) Acrylonitrile	5.712	53	364516	256.176	ug/l	99
16) Acetone	4.418	43	274080	216.823	ug/l	93
17) Carbon Disulfide	4.712	76	397042	49.576	ug/l	98
18) Methyl Acetate	5.012	43	181863	47.313	ug/l	91
19) Methyl tert-butyl Ether	5.789	73	461110	54.595	ug/l	99
20) Methylene Chloride	5.271	84	163994	52.406	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	149940	53.939	ug/l	93
22) Diisopropyl ether	6.665	45	455559	48.628	ug/l	96
23) Vinyl Acetate	6.594	43	1623976	247.701	ug/l	97
24) 1,1-Dichloroethane	6.565	63	282419	49.440	ug/l	99
25) 2-Butanone	7.477	43	430757	231.565	ug/l	92
26) 2,2-Dichloropropane	7.483	77	250173	54.169	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	180101	55.007	ug/l	92
28) Bromochloromethane	7.806	49	112179	42.210	ug/l #	83
29) Tetrahydrofuran	7.830	42	291901	247.505	ug/l	89
30) Chloroform	7.959	83	299050	50.653	ug/l	99
31) Cyclohexane	8.253	56	223642	45.044	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	262399	50.669	ug/l	93
36) 1,1-Dichloropropene	8.365	75	205108	53.509	ug/l	99
37) Ethyl Acetate	7.553	43	186895	48.305	ug/l #	97
38) Carbon Tetrachloride	8.359	117	233276	53.158	ug/l	99
39) Methylcyclohexane	9.594	83	201088	55.826	ug/l	96
40) Benzene	8.600	78	640568	55.618	ug/l	100

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Supervised By :Semsettin Yesilyurt 02/17/2025

Quant Time: Feb 14 22:33:44 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)
41) Methacrylonitrile	7.771	41	101422	50.386	ug/l	93
42) 1,2-Dichloroethane	8.665	62	217361	50.109	ug/l	97
43) Isopropyl Acetate	8.683	43	298292	48.115	ug/l	94
44) Trichloroethene	9.347	130	149542	55.779	ug/l	99
45) 1,2-Dichloropropane	9.618	63	158906	54.016	ug/l	99
46) Dibromomethane	9.706	93	112561	53.027	ug/l	93
47) Bromodichloromethane	9.882	83	234876	54.311	ug/l	99
48) Methyl methacrylate	9.677	41	137590	49.317	ug/l #	87
49) 1,4-Dioxane	9.688	88	53719	1143.399	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	926789	257.621	ug/l	93
52) Toluene	10.624	92	401922	60.227	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	237101	58.015	ug/l	94
54) cis-1,3-Dichloropropene	10.306	75	252503	57.841	ug/l	90
55) 1,1,2-Trichloroethane	11.012	97	153099	57.971	ug/l	96
56) Ethyl methacrylate	10.871	69	225849	50.736	ug/l #	87
57) 1,3-Dichloropropane	11.159	76	264049	57.500	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	553560	330.296	ug/l	96
59) 2-Hexanone	11.188	43	664497	262.512	ug/l	91
60) Dibromochloromethane	11.353	129	185868	58.295	ug/l	100
61) 1,2-Dibromoethane	11.465	107	153151	58.258	ug/l	97
64) Tetrachloroethene	11.100	164	143691	58.490	ug/l	100
65) Chlorobenzene	11.888	112	430203	54.496	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	159348	54.999	ug/l	99
67) Ethyl Benzene	11.959	91	735173	57.178	ug/l	97
68) m/p-Xylenes	12.065	106	580240	122.106	ug/l	96
69) o-Xylene	12.394	106	267584	58.923	ug/l	98
70) Styrene	12.406	104	474179	63.092	ug/l	96
71) Bromoform	12.576	173	125387	60.484	ug/l #	99
73) Isopropylbenzene	12.694	105	669056	53.516	ug/l	98
74) N-amyl acetate	12.488	43	248596	44.239	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.935	83	213373	48.315	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	193960m	51.516	ug/l	
77) Bromobenzene	12.976	156	174363	53.382	ug/l	95
78) n-propylbenzene	13.029	91	807672	54.571	ug/l	98
79) 2-Chlorotoluene	13.123	91	505474	52.771	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	580481	56.211	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	76380m	54.887	ug/l	
82) 4-Chlorotoluene	13.218	91	510823	53.560	ug/l	98
83) tert-Butylbenzene	13.435	119	465842	53.717	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	593626	57.676	ug/l	98
85) sec-Butylbenzene	13.612	105	659310	54.854	ug/l	99
86) p-Isopropyltoluene	13.723	119	558724	51.440	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	320614	53.299	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	318522	51.086	ug/l	98
89) n-Butylbenzene	14.053	91	459923	53.338	ug/l	97
90) Hexachloroethane	14.329	117	109555	47.880	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	304187	50.697	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	39629	49.141	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	146589	52.565	ug/l	96
94) Hexachlorobutadiene	15.494	225	75346	50.891	ug/l	98
95) Naphthalene	15.635	128	438895	52.741	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	145786	51.665	ug/l	100

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

