

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085615.D
 Acq On : 31 Jan 2025 20:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 31 22:35:41 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 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	178096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158849	55.255	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.500%			
35) Dibromofluoromethane	8.165	113	116490	54.028	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.060%			
50) Toluene-d8	10.565	98	416612	54.383	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.760%			
62) 4-Bromofluorobenzene	12.847	95	147397	56.247	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	102542	42.525	ug/l	95
3) Chloromethane	2.359	50	111644	42.761	ug/l	96
4) Vinyl Chloride	2.512	62	119298	45.459	ug/l	95
5) Bromomethane	2.942	94	72063	45.461	ug/l	96
6) Chloroethane	3.112	64	86676	52.096	ug/l	96
7) Trichlorofluoromethane	3.495	101	204839	53.795	ug/l	98
8) Diethyl Ether	3.959	74	65653	49.910	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	106230	49.532	ug/l	99
10) Methyl Iodide	4.589	142	129075	52.554	ug/l	99
11) Tert butyl alcohol	5.524	59	106187	322.573	ug/l	99
12) 1,1-Dichloroethene	4.342	96	96807	50.648	ug/l	96
13) Acrolein	4.177	56	132444	294.732	ug/l	98
14) Allyl chloride	5.024	41	152196	49.071	ug/l	98
15) Acrylonitrile	5.718	53	322496	308.429	ug/l	100
16) Acetone	4.424	43	283228	304.912	ug/l	99
17) Carbon Disulfide	4.706	76	231962	39.415	ug/l	99
18) Methyl Acetate	5.024	43	188868	66.866	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	365318	58.861	ug/l	98
20) Methylene Chloride	5.277	84	119509	51.971	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	103491	50.664	ug/l	97
22) Diisopropyl ether	6.671	45	396871	57.650	ug/l	98
23) Vinyl Acetate	6.600	43	1437042	298.283	ug/l	99
24) 1,1-Dichloroethane	6.571	63	225378	53.692	ug/l	99
25) 2-Butanone	7.483	43	431947	315.996	ug/l	99
26) 2,2-Dichloropropane	7.488	77	161007	47.442	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	128871	53.563	ug/l	99
28) Bromochloromethane	7.812	49	98668	50.524	ug/l	99
29) Tetrahydrofuran	7.835	42	286418	330.491	ug/l	100
30) Chloroform	7.965	83	236888	54.603	ug/l	99
31) Cyclohexane	8.259	56	160191	43.906	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	206511	54.266	ug/l	98
36) 1,1-Dichloropropene	8.371	75	148034	48.920	ug/l	99
37) Ethyl Acetate	7.559	43	177968	58.266	ug/l	98
38) Carbon Tetrachloride	8.359	117	181328	52.341	ug/l	100
39) Methylcyclohexane	9.600	83	134210	47.197	ug/l	99
40) Benzene	8.606	78	475849	52.335	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	92683	58.325	ug/l	96
42) 1,2-Dichloroethane	8.671	62	182981	53.434	ug/l	99
43) Isopropyl Acetate	8.688	43	368756m	75.346	ug/l	
44) Trichloroethene	9.347	130	103855	49.070	ug/l	97
45) 1,2-Dichloropropane	9.618	63	125774	54.156	ug/l	98
46) Dibromomethane	9.706	93	89145	53.196	ug/l	98
47) Bromodichloromethane	9.888	83	193257	56.606	ug/l	100
48) Methyl methacrylate	9.676	41	137864	62.594	ug/l	98
49) 1,4-Dioxane	9.688	88	45361	1223.010	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	938393	330.417	ug/l	99
52) Toluene	10.629	92	290451	55.132	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	177819	55.114	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	186200	54.029	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	117478	56.347	ug/l	97
56) Ethyl methacrylate	10.871	69	188384	53.497	ug/l	99
57) 1,3-Dichloropropane	11.159	76	203880	56.239	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	354786	268.153	ug/l	100
59) 2-Hexanone	11.194	43	690267	345.422	ug/l	99
60) Dibromochloromethane	11.359	129	141958	56.398	ug/l	99
61) 1,2-Dibromoethane	11.470	107	115524	55.665	ug/l	99
64) Tetrachloroethene	11.100	164	87849	47.100	ug/l	96
65) Chlorobenzene	11.888	112	317949	53.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	120637	54.843	ug/l	98
67) Ethyl Benzene	11.965	91	550760	56.421	ug/l	98
68) m/p-Xylenes	12.070	106	420906	116.667	ug/l	99
69) o-Xylene	12.394	106	197427	57.262	ug/l	97
70) Styrene	12.412	104	349850	61.312	ug/l	100
71) Bromoform	12.576	173	95484	60.667	ug/l #	99
73) Isopropylbenzene	12.694	105	511179	54.493	ug/l	100
74) N-amyl acetate	12.494	43	250834	59.490	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	183825	55.475	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	150923m	53.424	ug/l	
77) Bromobenzene	12.976	156	126109	51.456	ug/l	97
78) n-propylbenzene	13.035	91	608832	54.824	ug/l	99
79) 2-Chlorotoluene	13.123	91	382202	53.178	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	433661	55.967	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	59411	56.899	ug/l	97
82) 4-Chlorotoluene	13.217	91	383054	53.528	ug/l	99
83) tert-Butylbenzene	13.435	119	358257	55.058	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	443007	57.364	ug/l	100
85) sec-Butylbenzene	13.612	105	504116	55.898	ug/l	100
86) p-Isopropyltoluene	13.729	119	416356	51.127	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	234619	51.982	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	234490	50.123	ug/l	98
89) n-Butylbenzene	14.053	91	337176	52.115	ug/l	99
90) Hexachloroethane	14.329	117	90142	52.504	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	228059	50.656	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37029	61.195	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	104583	49.981	ug/l	98
94) Hexachlorobutadiene	15.500	225	49075	44.176	ug/l	95
95) Naphthalene	15.641	128	343115	54.952	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	107137	50.602	ug/l	99

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

