

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085416.D
 Acq On : 09 Jan 2025 18:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/10/2025
 Supervised By :Semsettin Yesilyurt 01/10/2025

Quant Time: Jan 10 00:26:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	184347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.095	114	326734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	279220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	126472	48.101	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.200%		
35) Dibromofluoromethane	8.159	113	95678	46.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	10.559	98	347193	46.417	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.840%		
62) 4-Bromofluorobenzene	12.841	95	121691	48.988	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	121632	48.786	ug/l	100
3) Chloromethane	2.360	50	128871	45.990	ug/l	96
4) Vinyl Chloride	2.513	62	129145	43.579	ug/l	95
5) Bromomethane	2.942	94	73627	37.988	ug/l	100
6) Chloroethane	3.113	64	80485	42.825	ug/l	95
7) Trichlorofluoromethane	3.495	101	188786	48.461	ug/l	98
8) Diethyl Ether	3.954	74	67580	52.393	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	106809	48.185	ug/l	99
10) Methyl Iodide	4.589	142	132597	51.691	ug/l	99
11) Tert butyl alcohol	5.512	59	86322	262.182	ug/l	99
12) 1,1-Dichloroethene	4.336	96	101099	49.351	ug/l	99
13) Acrolein	4.171	56	135470	263.912	ug/l	99
14) Allyl chloride	5.018	41	165102	50.357	ug/l	96
15) Acrylonitrile	5.712	53	264378	255.128	ug/l	99
16) Acetone	4.418	43	217738	251.840	ug/l	97
17) Carbon Disulfide	4.707	76	293703	47.127	ug/l	97
18) Methyl Acetate	5.012	43	142795	53.946	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	347813	52.236	ug/l	98
20) Methylene Chloride	5.271	84	117094	50.351	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	104475	48.821	ug/l	99
22) Diisopropyl ether	6.665	45	379895	53.770	ug/l	98
23) Vinyl Acetate	6.595	43	1408476	275.571	ug/l	99
24) 1,1-Dichloroethane	6.565	63	216934	50.971	ug/l	98
25) 2-Butanone	7.471	43	346874	258.606	ug/l	99
26) 2,2-Dichloropropane	7.483	77	182082	48.832	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	126559	50.388	ug/l	95
28) Bromochloromethane	7.806	49	87877	44.431	ug/l #	98
29) Tetrahydrofuran	7.830	42	233494	270.244	ug/l	97
30) Chloroform	7.959	83	210699	48.391	ug/l	100
31) Cyclohexane	8.253	56	181160	46.615	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	189931	48.844	ug/l	97
36) 1,1-Dichloropropene	8.365	75	152358	51.051	ug/l	99
37) Ethyl Acetate	7.553	43	149280	50.324	ug/l	99
38) Carbon Tetrachloride	8.353	117	163152	50.153	ug/l	99
39) Methylcyclohexane	9.600	83	163869	52.921	ug/l	99
40) Benzene	8.600	78	463902	51.411	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	84500	55.621	ug/l	97
42) 1,2-Dichloroethane	8.665	62	164014	50.698	ug/l	100
43) Isopropyl Acetate	8.683	43	254805	52.167	ug/l	99
44) Trichloroethene	9.347	130	103616	48.502	ug/l	96
45) 1,2-Dichloropropane	9.618	63	116561	50.886	ug/l	100
46) Dibromomethane	9.706	93	78899	49.527	ug/l	98
47) Bromodichloromethane	9.883	83	169185	51.097	ug/l	99
48) Methyl methacrylate	9.677	41	123332	58.191	ug/l	97
49) 1,4-Dioxane	9.689	88	32747	1024.059	ug/l	96
51) 4-Methyl-2-Pentanone	10.442	43	749134	272.919	ug/l	100
52) Toluene	10.624	92	281837	52.457	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	171631	52.710	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	184164	52.304	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	102966	50.760	ug/l	96
56) Ethyl methacrylate	10.871	69	169305	57.308	ug/l	94
57) 1,3-Dichloropropane	11.159	76	184552	51.837	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.153	63	387325	270.981	ug/l	99
59) 2-Hexanone	11.189	43	524219	275.265	ug/l	99
60) Dibromochloromethane	11.353	129	121298	53.090	ug/l	99
61) 1,2-Dibromoethane	11.465	107	102207	50.929	ug/l	99
64) Tetrachloroethene	11.100	164	86398	48.833	ug/l	99
65) Chlorobenzene	11.888	112	300252	49.761	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	104180	51.444	ug/l	98
67) Ethyl Benzene	11.959	91	540289	53.842	ug/l	100
68) m/p-Xylenes	12.065	106	401995	109.468	ug/l	100
69) o-Xylene	12.394	106	194817	54.840	ug/l	96
70) Styrene	12.406	104	327101	56.813	ug/l	100
71) Bromoform	12.577	173	75533	53.851	ug/l #	100
73) Isopropylbenzene	12.688	105	496677	54.110	ug/l	100
74) N-amyl acetate	12.488	43	221963	56.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	148930	50.944	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	107962m	45.293	ug/l	
77) Bromobenzene	12.977	156	112475	49.458	ug/l	99
78) n-propylbenzene	13.030	91	578381	54.056	ug/l	99
79) 2-Chlorotoluene	13.118	91	353168	52.446	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	404714	54.510	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.730	75	54929	55.187	ug/l	94
82) 4-Chlorotoluene	13.218	91	348880	51.442	ug/l	99
83) tert-Butylbenzene	13.435	119	348345	54.163	ug/l	98
84) 1,2,4-Trimethylbenzene	13.477	105	409492	55.390	ug/l	99
85) sec-Butylbenzene	13.612	105	480768	53.853	ug/l	99
86) p-Isopropyltoluene	13.724	119	400392	50.122	ug/l	99
87) 1,3-Dichlorobenzene	13.730	146	208499	50.574	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	206360	48.730	ug/l	100
89) n-Butylbenzene	14.053	91	349464	53.457	ug/l	99
90) Hexachloroethane	14.329	117	77094	52.684	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	200295	51.001	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	26607	51.138	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	99659	50.846	ug/l	100
94) Hexachlorobutadiene	15.494	225	44138	45.323	ug/l	98
95) Naphthalene	15.635	128	320663	48.246	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	95855	48.946	ug/l	99

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

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