

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086168.D
 Acq On : 31 Mar 2025 14:17
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 01 01:35:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/01/2025
 Supervised By : Mahesh Dadoda 04/01/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	243079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	374640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	345634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	184945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144173	43.314	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.620%		
35) Dibromofluoromethane	8.159	113	123001	47.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	10.565	98	462285	48.711	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.420%		
62) 4-Bromofluorobenzene	12.847	95	168996	49.931	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	151976	47.192	ug/l	99
3) Chloromethane	2.360	50	121570	43.061	ug/l	97
4) Vinyl Chloride	2.512	62	119603	41.433	ug/l	98
5) Bromomethane	2.942	94	79643	40.504	ug/l	92
6) Chloroethane	3.112	64	74174	40.731	ug/l	99
7) Trichlorofluoromethane	3.495	101	220179	42.430	ug/l	99
8) Diethyl Ether	3.959	74	72221	45.463	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	126592	45.901	ug/l	98
10) Methyl Iodide	4.583	142	167690	46.663	ug/l	98
11) Tert butyl alcohol	5.518	59	82532	175.128	ug/l	99
12) 1,1-Dichloroethene	4.336	96	119160	47.849	ug/l	98
13) Acrolein	4.177	56	118519	235.791	ug/l	95
14) Allyl chloride	5.018	41	141450	45.529	ug/l	96
15) Acrylonitrile	5.712	53	273503	219.749	ug/l	99
16) Acetone	4.418	43	242628	238.593	ug/l	99
17) Carbon Disulfide	4.706	76	358316	43.751	ug/l	99
18) Methyl Acetate	5.018	43	105638	41.986	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	362400	44.409	ug/l	100
20) Methylene Chloride	5.277	84	131818	44.310	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	125464	46.100	ug/l	94
22) Diisopropyl ether	6.671	45	331491	50.069	ug/l	98
23) Vinyl Acetate	6.600	43	1212650	241.619	ug/l	98
24) 1,1-Dichloroethane	6.565	63	222809	45.766	ug/l	99
25) 2-Butanone	7.477	43	333099	227.008	ug/l	97
26) 2,2-Dichloropropane	7.489	77	205381	43.818	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	146269	47.295	ug/l	99
28) Bromochloromethane	7.812	49	103377	50.118	ug/l	96
29) Tetrahydrofuran	7.836	42	206892	228.386	ug/l	96
30) Chloroform	7.965	83	234353	43.550	ug/l	99
31) Cyclohexane	8.253	56	194161	46.815	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	216920	42.584	ug/l	97
36) 1,1-Dichloropropene	8.371	75	167645	48.688	ug/l	100
37) Ethyl Acetate	7.553	43	128237	44.146	ug/l	100
38) Carbon Tetrachloride	8.359	117	202557	44.741	ug/l	97
39) Methylcyclohexane	9.600	83	177850	52.061	ug/l	96
40) Benzene	8.600	78	523107	48.395	ug/l	100

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41) Methacrylonitrile	7.771	41	72457	52.237	ug/l	90
42) 1,2-Dichloroethane	8.665	62	164356	43.638	ug/l	98
43) Isopropyl Acetate	8.689	43	216336	34.368	ug/l	99
44) Trichloroethene	9.347	130	125106	44.657	ug/l	99
45) 1,2-Dichloropropane	9.618	63	124478	50.632	ug/l	98
46) Dibromomethane	9.706	93	88698	45.876	ug/l	98
47) Bromodichloromethane	9.888	83	185163	45.824	ug/l	99
48) Methyl methacrylate	9.677	41	100922	48.586	ug/l	96
49) 1,4-Dioxane	9.688	88	44706	910.445	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	670261	241.441	ug/l	97
52) Toluene	10.630	92	335110	50.513	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	190552	48.558	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	202057	48.802	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	121691	48.060	ug/l	95
56) Ethyl methacrylate	10.871	69	179698	46.204	ug/l	98
57) 1,3-Dichloropropane	11.159	76	206509	48.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	386119	254.459	ug/l	98
59) 2-Hexanone	11.194	43	505300	249.856	ug/l	98
60) Dibromochloromethane	11.359	129	153120	46.863	ug/l	98
61) 1,2-Dibromoethane	11.465	107	122470	47.114	ug/l	97
64) Tetrachloroethene	11.100	164	128275	46.524	ug/l	96
65) Chlorobenzene	11.888	112	360796	45.618	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	131906	44.865	ug/l	99
67) Ethyl Benzene	11.959	91	623158	49.256	ug/l	100
68) m/p-Xylenes	12.071	106	503524	101.259	ug/l	98
69) o-Xylene	12.394	106	229613	50.311	ug/l	99
70) Styrene	12.406	104	402982	51.695	ug/l	98
71) Bromoform	12.576	173	105850	43.067	ug/l #	100
73) Isopropylbenzene	12.694	105	586778	46.460	ug/l	100
74) N-amyl acetate	12.488	43	190801	45.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	170969	40.014	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	178767m	43.175	ug/l	
77) Bromobenzene	12.976	156	154032	43.739	ug/l	96
78) n-propylbenzene	13.035	91	695368	48.623	ug/l	100
79) 2-Chlorotoluene	13.124	91	436787	45.982	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	507899	47.632	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	68819	43.942	ug/l	98
82) 4-Chlorotoluene	13.218	91	445686	45.625	ug/l	99
83) tert-Butylbenzene	13.435	119	414672	45.470	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	520161	48.365	ug/l	98
85) sec-Butylbenzene	13.612	105	583574	49.052	ug/l	100
86) p-Isopropyltoluene	13.729	119	504356	50.081	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	289670	45.633	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	287369	43.088	ug/l	99
89) n-Butylbenzene	14.053	91	410419	50.045	ug/l	99
90) Hexachloroethane	14.329	117	98406	42.347	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	270991	42.944	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	33180	38.902	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	136258	42.944	ug/l	99
94) Hexachlorobutadiene	15.494	225	74389	40.411	ug/l	99
95) Naphthalene	15.641	128	375199	40.837	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	132405	43.978	ug/l	99

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

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