

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086008.D
 Acq On : 19 Mar 2025 14:40
 Operator : JC\MD
 Sample : VN0319WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBS01

Quant Time: Mar 20 05:56:21 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 03/20/2025
 Supervised By : Mahesh Dadoda 03/20/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113523	50.049	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.100%			
35) Dibromofluoromethane	8.165	113	91441	50.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	10.565	98	336554	51.151	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.300%			
62) 4-Bromofluorobenzene	12.847	95	113935	48.556	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40079	18.263	ug/l	97
3) Chloromethane	2.360	50	31268	16.253	ug/l	97
4) Vinyl Chloride	2.512	62	32335	16.438	ug/l	91
5) Bromomethane	2.959	94	21855	16.311	ug/l	90
6) Chloroethane	3.124	64	20791	16.754	ug/l	90
7) Trichlorofluoromethane	3.501	101	63998	18.098	ug/l	99
8) Diethyl Ether	3.965	74	18817	17.383	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	34971	18.608	ug/l	99
10) Methyl Iodide	4.589	142	44520	18.180	ug/l	94
11) Tert butyl alcohol	5.518	59	24427	76.063	ug/l	98
12) 1,1-Dichloroethene	4.342	96	30967	18.248	ug/l	96
13) Acrolein	4.177	56	28569	83.408	ug/l	99
14) Allyl chloride	5.018	41	38920	18.383	ug/l	95
15) Acrylonitrile	5.718	53	73639	86.825	ug/l	100
16) Acetone	4.424	43	53689	77.477	ug/l	99
17) Carbon Disulfide	4.712	76	96042	17.209	ug/l	96
18) Methyl Acetate	5.024	43	29150	17.002	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	96977	17.439	ug/l	98
20) Methylene Chloride	5.277	84	36605	18.057	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	33769	18.208	ug/l	99
22) Diisopropyl ether	6.665	45	87057	19.296	ug/l	94
23) Vinyl Acetate	6.600	43	300229	87.785	ug/l	99
24) 1,1-Dichloroethane	6.565	63	62260	18.767	ug/l	99
25) 2-Butanone	7.483	43	80037	80.044	ug/l	100
26) 2,2-Dichloropropane	7.489	77	58735	18.389	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	37787	17.930	ug/l	97
28) Bromochloromethane	7.812	49	26118	18.582	ug/l	96
29) Tetrahydrofuran	7.841	42	52977	85.819	ug/l	98
30) Chloroform	7.965	83	68473	18.673	ug/l	98
31) Cyclohexane	8.259	56	50100	17.727	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	65384	18.836	ug/l	98
36) 1,1-Dichloropropene	8.371	75	45078	18.884	ug/l	99
37) Ethyl Acetate	7.559	43	35966	17.859	ug/l	96
38) Carbon Tetrachloride	8.359	117	61986	19.749	ug/l	98
39) Methylcyclohexane	9.600	83	41939	17.708	ug/l	97
40) Benzene	8.606	78	146947	19.609	ug/l	100

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41) Methacrylonitrile	7.783	41	18429	19.164	ug/l	93
42) 1,2-Dichloroethane	8.671	62	51063	19.556	ug/l	99
43) Isopropyl Acetate	8.688	43	59337	13.597	ug/l	98
44) Trichloroethene	9.347	130	33908	17.458	ug/l	92
45) 1,2-Dichloropropane	9.618	63	33321	19.550	ug/l	100
46) Dibromomethane	9.706	93	26168	19.522	ug/l	96
47) Bromodichloromethane	9.888	83	54262	19.370	ug/l	97
48) Methyl methacrylate	9.677	41	25052	17.396	ug/l	98
49) 1,4-Dioxane	9.688	88	12366	363.250	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	176466	91.689	ug/l	97
52) Toluene	10.630	92	91257	19.841	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	50745	18.652	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	53393	18.601	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	34173	19.467	ug/l	98
56) Ethyl methacrylate	10.871	69	43930	18.452	ug/l	98
57) 1,3-Dichloropropane	11.159	76	57052	19.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	103914	113.062	ug/l	98
59) 2-Hexanone	11.194	43	124833	89.035	ug/l	96
60) Dibromochloromethane	11.359	129	43944	19.399	ug/l	98
61) 1,2-Dibromoethane	11.471	107	33930	18.827	ug/l	98
64) Tetrachloroethene	11.100	164	35050	18.808	ug/l	95
65) Chlorobenzene	11.888	112	97052	18.155	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	38091	19.168	ug/l	99
67) Ethyl Benzene	11.959	91	156826	18.339	ug/l	100
68) m/p-Xylenes	12.071	106	129550	38.544	ug/l	98
69) o-Xylene	12.400	106	57435	18.619	ug/l	100
70) Styrene	12.412	104	99808	18.943	ug/l	100
71) Bromoform	12.576	173	30780	18.528	ug/l #	98
73) Isopropylbenzene	12.694	105	144286	18.026	ug/l	98
74) N-amyl acetate	12.494	43	45969	17.166	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	47521	17.549	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	44424m	16.929	ug/l	
77) Bromobenzene	12.976	156	40135	17.983	ug/l	99
78) n-propylbenzene	13.035	91	169326	18.682	ug/l	98
79) 2-Chlorotoluene	13.124	91	110991	18.436	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	129322	19.136	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	15817m	15.936	ug/l	
82) 4-Chlorotoluene	13.218	91	113290	18.299	ug/l	97
83) tert-Butylbenzene	13.435	119	100573	17.401	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	128775	18.893	ug/l	99
85) sec-Butylbenzene	13.612	105	141467	18.762	ug/l	99
86) p-Isopropyltoluene	13.729	119	116863	18.310	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	73254	18.209	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	74760	17.687	ug/l	97
89) n-Butylbenzene	14.053	91	87752	16.883	ug/l	97
90) Hexachloroethane	14.329	117	26028	17.673	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	70642	17.664	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	9346	17.290	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	30627	15.230	ug/l	97
94) Hexachlorobutadiene	15.500	225	18236	15.631	ug/l	98
95) Naphthalene	15.635	128	79897	13.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	31256	16.381	ug/l	97

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

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