

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086634.D
 Acq On : 15 May 2025 10:36
 Operator : JC\MD
 Sample : VN0515WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBS01

Quant Time: May 16 05:22:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2025
 Supervised By : Mahesh Dadoda 05/16/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	247028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	432607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	174613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144787	40.419	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.840%		
35) Dibromofluoromethane	8.159	113	116936	58.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	116.480%		
50) Toluene-d8	10.565	98	471952	43.982	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.960%		
62) 4-Bromofluorobenzene	12.847	95	173293	44.276	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	55234	18.862	ug/l	98
3) Chloromethane	2.360	50	67707	15.909	ug/l	98
4) Vinyl Chloride	2.512	62	63439	15.620	ug/l	98
5) Bromomethane	2.959	94	37414	20.481	ug/l	99
6) Chloroethane	3.118	64	40931	15.059	ug/l	95
7) Trichlorofluoromethane	3.501	101	84035	18.680	ug/l	97
8) Diethyl Ether	3.959	74	32746	16.674	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	49255	18.099	ug/l	93
10) Methyl Iodide	4.589	142	57862	19.339	ug/l	98
11) Tert butyl alcohol	5.512	59	51924	79.444	ug/l	100
12) 1,1-Dichloroethene	4.342	96	50593	17.401	ug/l	92
13) Acrolein	4.177	56	29614	87.353	ug/l	97
14) Allyl chloride	5.024	41	71868	13.905	ug/l	97
15) Acrylonitrile	5.712	53	127172	78.710	ug/l	99
16) Acetone	4.424	43	102753	79.064	ug/l	99
17) Carbon Disulfide	4.712	76	131844	15.145	ug/l	97
18) Methyl Acetate	5.018	43	57971	13.482	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	171836	16.078	ug/l	98
20) Methylene Chloride	5.271	84	55563	16.778	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	52220	17.179	ug/l	91
22) Diisopropyl ether	6.671	45	165297	14.701	ug/l	95
23) Vinyl Acetate	6.600	43	594670	75.659	ug/l	96
24) 1,1-Dichloroethane	6.565	63	96650	16.292	ug/l	98
25) 2-Butanone	7.477	43	163428	73.296	ug/l	95
26) 2,2-Dichloropropane	7.489	77	89702	16.888	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	65038	17.239	ug/l	92
28) Bromochloromethane	7.806	49	37811	15.032	ug/l #	83
29) Tetrahydrofuran	7.836	42	107497	72.097	ug/l	93
30) Chloroform	7.959	83	99016	16.991	ug/l	99
31) Cyclohexane	8.253	56	87883	15.139	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	86445	17.340	ug/l	96
36) 1,1-Dichloropropene	8.365	75	71224	17.761	ug/l	97
37) Ethyl Acetate	7.553	43	65528	15.521	ug/l	99
38) Carbon Tetrachloride	8.359	117	73368	19.211	ug/l	97
39) Methylcyclohexane	9.600	83	79656	16.711	ug/l	94
40) Benzene	8.600	78	226002	17.590	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	35823	14.640	ug/l	93
42) 1,2-Dichloroethane	8.665	62	71849	17.536	ug/l	100
43) Isopropyl Acetate	8.683	43	121282	14.447	ug/l	97
44) Trichloroethene	9.347	130	59552	19.555	ug/l	93
45) 1,2-Dichloropropane	9.618	63	52827	16.796	ug/l	95
46) Dibromomethane	9.706	93	37165	18.546	ug/l	92
47) Bromodichloromethane	9.883	83	76635	17.707	ug/l	99
48) Methyl methacrylate	9.677	41	53613	14.460	ug/l	94
49) 1,4-Dioxane	9.688	88	24107	382.254	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	336513	77.837	ug/l	96
52) Toluene	10.624	92	146575	18.283	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	83297	17.241	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	89386	16.845	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	52427	18.175	ug/l	94
56) Ethyl methacrylate	10.871	69	86683	16.349	ug/l	95
57) 1,3-Dichloropropane	11.159	76	90014	17.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	175340	69.674	ug/l	94
59) 2-Hexanone	11.194	43	246899	76.994	ug/l	96
60) Dibromochloromethane	11.359	129	59383	18.748	ug/l	99
61) 1,2-Dibromoethane	11.465	107	54858	18.848	ug/l	99
64) Tetrachloroethene	11.100	164	61281	20.536	ug/l	98
65) Chlorobenzene	11.888	112	162106	18.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	53478	18.724	ug/l	98
67) Ethyl Benzene	11.959	91	275105	17.609	ug/l	96
68) m/p-Xylenes	12.065	106	214317	36.612	ug/l	96
69) o-Xylene	12.394	106	105800	18.276	ug/l	96
70) Styrene	12.406	104	173887	18.027	ug/l	98
71) Bromoform	12.576	173	39560	18.397	ug/l #	99
73) Isopropylbenzene	12.688	105	255573	17.893	ug/l	99
74) N-amyl acetate	12.488	43	97590	13.724	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	72983	17.771	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	69383m	16.838	ug/l	
77) Bromobenzene	12.976	156	63558	20.082	ug/l	89
78) n-propylbenzene	13.029	91	289986	17.229	ug/l	98
79) 2-Chlorotoluene	13.124	91	186920	17.747	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	207188	17.722	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	27807	16.207	ug/l	91
82) 4-Chlorotoluene	13.218	91	183754	17.563	ug/l	97
83) tert-Butylbenzene	13.435	119	179018	17.672	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	208002	17.479	ug/l	99
85) sec-Butylbenzene	13.612	105	245302	17.458	ug/l	99
86) p-Isopropyltoluene	13.723	119	203526	17.574	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	110641	18.597	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	110172	18.385	ug/l	99
89) n-Butylbenzene	14.053	91	168998	16.463	ug/l	98
90) Hexachloroethane	14.329	117	32297	16.579	ug/l	92
91) 1,2-Dichlorobenzene	14.100	146	106503	18.464	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	12363	14.929	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	47554	17.217	ug/l	98
94) Hexachlorobutadiene	15.494	225	19186	18.401	ug/l	98
95) Naphthalene	15.635	128	154232	15.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	45821	17.523	ug/l	99

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

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