

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085669.D
 Acq On : 05 Feb 2025 11:10
 Operator : JC\MD
 Sample : VN0205WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 02/07/2025

Supervised By :Mahesh
 Dadoda
 02/07/2025

Quant Time: Feb 06 00:37:26 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	234502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	400370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	186597	49.295	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.580%		
35) Dibromofluoromethane	8.159	113	151727	54.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.260%		
50) Toluene-d8	10.565	98	542119	54.933	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	109.860%		
62) 4-Bromofluorobenzene	12.841	95	162085	48.013	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70488	22.200	ug/l	99
3) Chloromethane	2.359	50	63504	18.472	ug/l	100
4) Vinyl Chloride	2.512	62	78535	22.728	ug/l	95
5) Bromomethane	2.959	94	50116	24.011	ug/l	91
6) Chloroethane	3.124	64	50565	23.082	ug/l	90
7) Trichlorofluoromethane	3.501	101	114672	22.872	ug/l	97
8) Diethyl Ether	3.959	74	36053	20.815	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	63297	22.414	ug/l	98
10) Methyl Iodide	4.583	142	79020	24.435	ug/l	95
11) Tert butyl alcohol	5.512	59	44710	103.150	ug/l	99
12) 1,1-Dichloroethene	4.342	96	58846	23.382	ug/l	86
13) Acrolein	4.177	56	31653	53.495	ug/l	98
14) Allyl chloride	5.024	41	72533	17.761	ug/l	95
15) Acrylonitrile	5.712	53	134733	97.862	ug/l	98
16) Acetone	4.424	43	109079	89.184	ug/l	94
17) Carbon Disulfide	4.712	76	175684	22.672	ug/l	98
18) Methyl Acetate	5.024	43	66473	17.873	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	177069	21.668	ug/l	99
20) Methylene Chloride	5.271	84	67043	22.142	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	60295	22.417	ug/l	95
22) Diisopropyl ether	6.671	45	177587	19.592	ug/l #	97
23) Vinyl Acetate	6.600	43	622485	98.128	ug/l	96
24) 1,1-Dichloroethane	6.565	63	114765	20.764	ug/l	98
25) 2-Butanone	7.477	43	163562	90.874	ug/l	92
26) 2,2-Dichloropropane	7.489	77	101875	22.798	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	70721	22.324	ug/l	94
28) Bromochloromethane	7.812	49	42400	16.489	ug/l	86
29) Tetrahydrofuran	7.836	42	104477	91.556	ug/l #	87
30) Chloroform	7.959	83	119223	20.871	ug/l	99
31) Cyclohexane	8.253	56	96249	20.035	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	107655	21.485	ug/l	96
36) 1,1-Dichloropropene	8.371	75	81484	20.903	ug/l	97
37) Ethyl Acetate	7.553	43	69291	17.610	ug/l #	97
38) Carbon Tetrachloride	8.359	117	94874	21.258	ug/l	98
39) Methylcyclohexane	9.600	83	79076	21.586	ug/l	94
40) Benzene	8.600	78	258878	22.102	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35429	17.307	ug/l	90
42) 1,2-Dichloroethane	8.665	62	88428	20.045	ug/l	98
43) Isopropyl Acetate	8.683	43	118095	18.731	ug/l	96
44) Trichloroethene	9.347	130	58078	21.301	ug/l	90
45) 1,2-Dichloropropane	9.618	63	59954	20.039	ug/l	99
46) Dibromomethane	9.706	93	44623	20.670	ug/l	97
47) Bromodichloromethane	9.882	83	91204	20.737	ug/l	99
48) Methyl methacrylate	9.677	41	51130	18.020	ug/l	89
49) 1,4-Dioxane	9.694	88	21098	441.564	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	341297	93.286	ug/l	94
52) Toluene	10.624	92	156219	23.018	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	87278	20.999	ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	96440	21.722	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	58822	21.901	ug/l	99
56) Ethyl methacrylate	10.871	69	80768	19.093	ug/l	92
57) 1,3-Dichloropropane	11.159	76	99020	21.203	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	125902	73.868	ug/l	97
59) 2-Hexanone	11.194	43	241951	93.987	ug/l	93
60) Dibromochloromethane	11.353	129	68761	21.206	ug/l	99
61) 1,2-Dibromoethane	11.465	107	56552	21.153	ug/l	99
64) Tetrachloroethene	11.100	164	55975	23.704	ug/l	98
65) Chlorobenzene	11.888	112	167029	22.012	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	58938	21.163	ug/l	99
67) Ethyl Benzene	11.959	91	274227	22.188	ug/l	98
68) m/p-Xylenes	12.065	106	214986	47.067	ug/l	98
69) o-Xylene	12.394	106	97944	22.437	ug/l	96
70) Styrene	12.406	104	158860	21.990	ug/l	96
71) Bromoform	12.571	173	39119	19.631	ug/l #	100
73) Isopropylbenzene	12.694	105	229123	22.406	ug/l	99
74) N-amyl acetate	12.488	43	80725	17.563	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	72182	19.982	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	55282m	17.951	ug/l	
77) Bromobenzene	12.976	156	59185	22.152	ug/l	89
78) n-propylbenzene	13.029	91	266492	22.013	ug/l	98
79) 2-Chlorotoluene	13.123	91	168223	21.471	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	190804	22.589	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	23499	20.645	ug/l	85
82) 4-Chlorotoluene	13.218	91	168525	21.603	ug/l	97
83) tert-Butylbenzene	13.435	119	153071	21.579	ug/l	94
84) 1,2,4-Trimethylbenzene	13.476	105	191385	22.733	ug/l	96
85) sec-Butylbenzene	13.612	105	218022	22.176	ug/l	100
86) p-Isopropyltoluene	13.723	119	179904	21.846	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	104927	21.325	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	104838	20.557	ug/l	98
89) n-Butylbenzene	14.053	91	142461	20.199	ug/l	99
90) Hexachloroethane	14.329	117	35724	19.088	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	99376	20.248	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12449	18.873	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	44028	19.302	ug/l	98
94) Hexachlorobutadiene	15.494	225	22168	18.305	ug/l	97
95) Naphthalene	15.635	128	124546	18.298	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	43119	18.682	ug/l	99

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

