

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085580.D
 Acq On : 30 Jan 2025 15:30
 Operator : JC\MD
 Sample : VN0130WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025

Quant Time: Jan 31 02:35:50 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	173523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127057	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	157914	56.377	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.760%
35) Dibromofluoromethane	8.159	113	113713	55.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.540%
50) Toluene-d8	10.565	98	400141	54.744	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.480%
62) 4-Bromofluorobenzene	12.847	95	139539	55.808	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.620%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	39321	16.736	ug/l	97
3) Chloromethane	2.359	50	42484	16.701	ug/l	95
4) Vinyl Chloride	2.512	62	44487	17.399	ug/l	96
5) Bromomethane	2.959	94	28856	18.683	ug/l	94
6) Chloroethane	3.118	64	31148	19.215	ug/l	97
7) Trichlorofluoromethane	3.501	101	69560	18.749	ug/l	96
8) Diethyl Ether	3.959	74	24247	18.918	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	40780	19.516	ug/l	99
10) Methyl Iodide	4.595	142	46599	19.473	ug/l	96
11) Tert butyl alcohol	5.506	59	38972	121.508	ug/l	99
12) 1,1-Dichloroethene	4.348	96	35776	19.211	ug/l	90
13) Acrolein	4.177	56	32915	75.177	ug/l	100
14) Allyl chloride	5.018	41	55225	18.275	ug/l	97
15) Acrylonitrile	5.718	53	114072	111.972	ug/l	99
16) Acetone	4.424	43	99871	110.351	ug/l	100
17) Carbon Disulfide	4.712	76	89057	15.531	ug/l	98
18) Methyl Acetate	5.018	43	67913	24.677	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	131096	21.679	ug/l	99
20) Methylene Chloride	5.271	84	44495	19.860	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	38120	19.153	ug/l	91
22) Diisopropyl ether	6.671	45	143641	21.415	ug/l	98
23) Vinyl Acetate	6.600	43	566145	120.610	ug/l	100
24) 1,1-Dichloroethane	6.565	63	83265	20.359	ug/l	99
25) 2-Butanone	7.477	43	150976	113.359	ug/l	98
26) 2,2-Dichloropropane	7.483	77	68478	20.709	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	47260	20.161	ug/l	98
28) Bromochloromethane	7.812	49	37352	19.630	ug/l	99
29) Tetrahydrofuran	7.836	42	99632	117.993	ug/l	98
30) Chloroform	7.959	83	87072	20.599	ug/l	94
31) Cyclohexane	8.253	56	61148	17.202	ug/l #	96
32) 1,1,1-Trichloroethane	8.165	97	76055	20.512	ug/l	97
36) 1,1-Dichloropropene	8.365	75	53855	18.652	ug/l	99
37) Ethyl Acetate	7.553	43	63409	21.758	ug/l #	96
38) Carbon Tetrachloride	8.359	117	66280	20.052	ug/l	96
39) Methylcyclohexane	9.600	83	47238	17.410	ug/l	99
40) Benzene	8.606	78	174813	20.150	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35027	23.102	ug/l	97
42) 1,2-Dichloroethane	8.671	62	68985	21.113	ug/l	98
43) Isopropyl Acetate	8.688	43	108594	23.255	ug/l	97
44) Trichloroethene	9.347	130	38946	19.286	ug/l	91
45) 1,2-Dichloropropane	9.618	63	46091	20.800	ug/l	94
46) Dibromomethane	9.706	93	33510	20.958	ug/l	98
47) Bromodichloromethane	9.888	83	72012	22.106	ug/l	96
48) Methyl methacrylate	9.677	41	46494	22.124	ug/l	99
49) 1,4-Dioxane	9.688	88	15352	433.809	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	323337	119.322	ug/l	100
52) Toluene	10.629	92	103743	20.638	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	66003	21.440	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	69505	21.137	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	45444	22.844	ug/l	96
56) Ethyl methacrylate	10.871	69	61221	19.495	ug/l	97
57) 1,3-Dichloropropane	11.159	76	74902	21.654	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	110159	87.261	ug/l	98
59) 2-Hexanone	11.194	43	230732	121.012	ug/l	98
60) Dibromochloromethane	11.353	129	51845	21.587	ug/l	98
61) 1,2-Dibromoethane	11.471	107	42461	21.443	ug/l	97
64) Tetrachloroethene	11.100	164	36009	19.980	ug/l	94
65) Chlorobenzene	11.888	112	115976	20.026	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	45034	21.188	ug/l	98
67) Ethyl Benzene	11.959	91	183947	19.502	ug/l	99
68) m/p-Xylenes	12.071	106	141137	40.486	ug/l	99
69) o-Xylene	12.400	106	67663	20.310	ug/l	99
70) Styrene	12.412	104	115973	21.034	ug/l	99
71) Bromoform	12.576	173	34442	22.647	ug/l #	99
73) Isopropylbenzene	12.694	105	172265	20.089	ug/l	100
74) N-amyl acetate	12.494	43	82716	21.460	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	64983	21.453	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	54416m	21.071	ug/l	
77) Bromobenzene	12.976	156	45050	20.108	ug/l	97
78) n-propylbenzene	13.035	91	206197	20.312	ug/l	100
79) 2-Chlorotoluene	13.123	91	133194	20.273	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	149427	21.096	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	20674	21.660	ug/l	91
82) 4-Chlorotoluene	13.218	91	133935	20.474	ug/l	98
83) tert-Butylbenzene	13.435	119	117259	19.713	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	149125	21.123	ug/l	98
85) sec-Butylbenzene	13.612	105	169659	20.579	ug/l	100
86) p-Isopropyltoluene	13.729	119	138811	20.191	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	83358	20.203	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	84626	19.788	ug/l	100
89) n-Butylbenzene	14.053	91	112956	19.098	ug/l	98
90) Hexachloroethane	14.329	117	31283	19.933	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	80178	19.482	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12302	22.240	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	35788	18.710	ug/l	94
94) Hexachlorobutadiene	15.494	225	18731	18.445	ug/l	95
95) Naphthalene	15.635	128	105464	18.477	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36995	19.114	ug/l	100

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

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