

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085552.D
 Acq On : 29 Jan 2025 13:04
 Operator : JC\MD
 Sample : VN0129WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2025
 Supervised By : Mahesh Dadoda 01/30/2025

Quant Time: Jan 30 00:32:54 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	199890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167615	51.947	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.900%
35) Dibromofluoromethane	8.165	113	122390	52.775	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.560%
50) Toluene-d8	10.565	98	437973	53.154	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.300%
62) 4-Bromofluorobenzene	12.847	95	154451	54.798	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.600%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	42805	15.816	ug/l 97
3) Chloromethane	2.359	50	47501	16.210	ug/l 97
4) Vinyl Chloride	2.512	62	47977	16.289	ug/l 99
5) Bromomethane	2.953	94	30184	16.965	ug/l 95
6) Chloroethane	3.118	64	33491	17.935	ug/l 93
7) Trichlorofluoromethane	3.495	101	76946	18.004	ug/l 96
8) Diethyl Ether	3.959	74	26661	18.058	ug/l 99
9) 1,1,2-Trichlorotrifluo...	4.365	101	45479	18.893	ug/l 98
10) Methyl Iodide	4.589	142	49266	17.872	ug/l 97
11) Tert butyl alcohol	5.518	59	44436	120.269	ug/l 99
12) 1,1-Dichloroethene	4.342	96	38420	17.909	ug/l 97
13) Acrolein	4.177	56	40004	79.316	ug/l 99
14) Allyl chloride	5.018	41	61417	17.643	ug/l 97
15) Acrylonitrile	5.718	53	127045	108.256	ug/l 99
16) Acetone	4.430	43	114508	109.834	ug/l 100
17) Carbon Disulfide	4.712	76	96222	14.567	ug/l 98
18) Methyl Acetate	5.018	43	73000	23.027	ug/l 98
19) Methyl tert-butyl Ether	5.800	73	142230	20.418	ug/l 98
20) Methylene Chloride	5.277	84	49133	19.037	ug/l 93
21) trans-1,2-Dichloroethene	5.783	96	40021	17.456	ug/l 97
22) Diisopropyl ether	6.671	45	154873	20.044	ug/l 98
23) Vinyl Acetate	6.600	43	540007	99.867	ug/l 99
24) 1,1-Dichloroethane	6.565	63	90121	19.129	ug/l 96
25) 2-Butanone	7.483	43	167598	109.240	ug/l 98
26) 2,2-Dichloropropane	7.488	77	77491	20.344	ug/l 99
27) cis-1,2-Dichloroethene	7.488	96	50565	18.725	ug/l 99
28) Bromochloromethane	7.812	49	36396	16.605	ug/l 99
29) Tetrahydrofuran	7.835	42	110223	113.317	ug/l 99
30) Chloroform	7.965	83	94675	19.443	ug/l 98
31) Cyclohexane	8.253	56	65483	15.991	ug/l 96
32) 1,1,1-Trichloroethane	8.165	97	82021	19.203	ug/l 97
36) 1,1-Dichloropropene	8.371	75	58241	17.894	ug/l 100
37) Ethyl Acetate	7.559	43	69349	21.109	ug/l 98
38) Carbon Tetrachloride	8.359	117	69887	18.756	ug/l 95
39) Methylcyclohexane	9.600	83	52245	17.082	ug/l 97
40) Benzene	8.606	78	188989	19.325	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36813	21.538	ug/l	98
42) 1,2-Dichloroethane	8.665	62	75825	20.586	ug/l	99
43) Isopropyl Acetate	8.688	43	113844	21.627	ug/l	99
44) Trichloroethene	9.347	130	41582	18.266	ug/l	89
45) 1,2-Dichloropropane	9.618	63	49009	19.620	ug/l	97
46) Dibromomethane	9.706	93	35593	19.747	ug/l	97
47) Bromodichloromethane	9.882	83	76456	20.821	ug/l	98
48) Methyl methacrylate	9.677	41	52667	22.232	ug/l	96
49) 1,4-Dioxane	9.694	88	19418	486.754	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	356810	116.808	ug/l	99
52) Toluene	10.629	92	113656	20.058	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	71237	20.528	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	76587	20.661	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	47247	21.069	ug/l	95
56) Ethyl methacrylate	10.871	69	67955	19.225	ug/l	97
57) 1,3-Dichloropropane	11.159	76	81256	20.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	130784	91.903	ug/l	99
59) 2-Hexanone	11.194	43	257517	119.811	ug/l	99
60) Dibromochloromethane	11.359	129	56444	20.849	ug/l	98
61) 1,2-Dibromoethane	11.465	107	45570	20.415	ug/l	100
64) Tetrachloroethene	11.100	164	39105	19.082	ug/l	96
65) Chlorobenzene	11.888	112	126744	19.247	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	48168	19.929	ug/l	99
67) Ethyl Benzene	11.965	91	201511	18.788	ug/l	99
68) m/p-Xylenes	12.071	106	158394	39.958	ug/l	100
69) o-Xylene	12.400	106	73062	19.286	ug/l	96
70) Styrene	12.412	104	126846	20.232	ug/l	99
71) Bromoform	12.576	173	38486	22.255	ug/l #	100
73) Isopropylbenzene	12.694	105	187874	18.607	ug/l	100
74) N-amyl acetate	12.494	43	90352	19.908	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	71580	20.069	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	60557m	19.915	ug/l	
77) Bromobenzene	12.976	156	49656	18.824	ug/l	98
78) n-propylbenzene	13.035	91	225452	18.861	ug/l	99
79) 2-Chlorotoluene	13.123	91	145834	18.851	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	163587	19.614	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22453	19.978	ug/l	99
82) 4-Chlorotoluene	13.217	91	149335	19.387	ug/l	99
83) tert-Butylbenzene	13.435	119	126982	18.130	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	165028	19.853	ug/l	100
85) sec-Butylbenzene	13.617	105	186480	19.211	ug/l	100
86) p-Isopropyltoluene	13.729	119	152530	18.909	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	94099	19.369	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	92013	18.273	ug/l	99
89) n-Butylbenzene	14.053	91	124199	17.835	ug/l	100
90) Hexachloroethane	14.335	117	33768	18.273	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	89278	18.424	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	14040	21.557	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	40694	18.068	ug/l	97
94) Hexachlorobutadiene	15.500	225	21387	17.886	ug/l	95
95) Naphthalene	15.641	128	117949	17.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	41463	18.194	ug/l	98

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

