

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085551.D
 Acq On : 29 Jan 2025 12:30
 Operator : JC\MD
 Sample : VN0129WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01

Quant Time: Jan 30 00:31:44 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	209601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156507	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	171860	50.795	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.600%
35) Dibromofluoromethane	8.165	113	126996	52.085	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.160%
50) Toluene-d8	10.565	98	459113	52.996	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.000%
62) 4-Bromofluorobenzene	12.847	95	163742	55.254	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	46350	16.332	ug/l	97
3) Chloromethane	2.360	50	51817	16.864	ug/l	96
4) Vinyl Chloride	2.513	62	51296	16.609	ug/l	97
5) Bromomethane	2.954	94	31079	16.659	ug/l	99
6) Chloroethane	3.124	64	35147	17.950	ug/l	99
7) Trichlorofluoromethane	3.495	101	82270	18.358	ug/l	99
8) Diethyl Ether	3.959	74	26961	17.415	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	46918	18.588	ug/l	99
10) Methyl Iodide	4.589	142	50486	17.466	ug/l	97
11) Tert butyl alcohol	5.512	59	44455	114.746	ug/l #	83
12) 1,1-Dichloroethene	4.336	96	40485	17.997	ug/l	89
13) Acrolein	4.177	56	38470	72.741	ug/l	100
14) Allyl chloride	5.024	41	62533	17.131	ug/l	99
15) Acrylonitrile	5.712	53	126967	103.177	ug/l	100
16) Acetone	4.424	43	112019	102.469	ug/l	99
17) Carbon Disulfide	4.712	76	104424	15.077	ug/l	99
18) Methyl Acetate	5.024	43	72461	21.798	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	141193	19.330	ug/l	98
20) Methylene Chloride	5.271	84	49750	18.383	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	43039	17.903	ug/l	94
22) Diisopropyl ether	6.671	45	159448	19.680	ug/l	97
23) Vinyl Acetate	6.600	43	537237	94.751	ug/l	99
24) 1,1-Dichloroethane	6.565	63	93875	19.002	ug/l	98
25) 2-Butanone	7.483	43	166690	103.615	ug/l	100
26) 2,2-Dichloropropane	7.483	77	85168	21.323	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	51851	18.312	ug/l	98
28) Bromochloromethane	7.812	49	36776	16.001	ug/l	95
29) Tetrahydrofuran	7.836	42	108650	106.525	ug/l	99
30) Chloroform	7.959	83	97953	19.184	ug/l	99
31) Cyclohexane	8.253	56	70853	16.501	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	86797	19.380	ug/l	97
36) 1,1-Dichloropropene	8.371	75	62579	18.287	ug/l	99
37) Ethyl Acetate	7.553	43	69495	20.120	ug/l	97
38) Carbon Tetrachloride	8.359	117	76352	19.489	ug/l	99
39) Methylcyclohexane	9.594	83	55093	17.132	ug/l	96
40) Benzene	8.600	78	199602	19.413	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35881	19.967	ug/l	98
42) 1,2-Dichloroethane	8.665	62	77457	20.002	ug/l	99
43) Isopropyl Acetate	8.689	43	114457	20.680	ug/l	98
44) Trichloroethene	9.347	130	45202	18.886	ug/l	98
45) 1,2-Dichloropropane	9.624	63	51454	19.591	ug/l	97
46) Dibromomethane	9.706	93	35894	18.941	ug/l	96
47) Bromodichloromethane	9.883	83	79684	20.639	ug/l	96
48) Methyl methacrylate	9.677	41	49608	19.917	ug/l	98
49) 1,4-Dioxane	9.694	88	19127	456.023	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	355666	110.742	ug/l	99
52) Toluene	10.630	92	121981	20.475	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	73781	20.222	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	76573	19.648	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	48573	20.602	ug/l	95
56) Ethyl methacrylate	10.871	69	66949	18.136	ug/l	98
57) 1,3-Dichloropropane	11.159	76	83319	20.323	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	131853	88.125	ug/l	100
59) 2-Hexanone	11.194	43	257774	114.068	ug/l	99
60) Dibromochloromethane	11.353	129	57964	20.364	ug/l	99
61) 1,2-Dibromoethane	11.465	107	47182	20.104	ug/l	96
64) Tetrachloroethene	11.100	164	41303	19.355	ug/l	96
65) Chlorobenzene	11.888	112	132226	19.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	50102	19.907	ug/l	99
67) Ethyl Benzene	11.959	91	213467	19.113	ug/l	98
68) m/p-Xylenes	12.071	106	164888	39.945	ug/l	100
69) o-Xylene	12.394	106	76089	19.288	ug/l	97
70) Styrene	12.406	104	131635	20.163	ug/l	99
71) Bromoform	12.577	173	38916	21.610	ug/l #	97
73) Isopropylbenzene	12.694	105	195492	18.507	ug/l	100
74) N-amyl acetate	12.488	43	89626	18.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	72950	19.551	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	68563m	21.554	ug/l	
77) Bromobenzene	12.977	156	51702	18.735	ug/l	98
78) n-propylbenzene	13.035	91	236875	18.943	ug/l	99
79) 2-Chlorotoluene	13.124	91	152450	18.837	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	170270	19.515	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	23443m	19.939	ug/l	
82) 4-Chlorotoluene	13.218	91	155061	19.243	ug/l	100
83) tert-Butylbenzene	13.435	119	134399	18.343	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	171306	19.699	ug/l	97
85) sec-Butylbenzene	13.612	105	191783	18.886	ug/l	98
86) p-Isopropyltoluene	13.729	119	157547	18.681	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	97536	19.191	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	95449	18.119	ug/l	99
89) n-Butylbenzene	14.053	91	127980	17.567	ug/l	99
90) Hexachloroethane	14.329	117	35454	18.339	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	93880	18.519	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	14729	21.617	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	41183	17.479	ug/l	99
94) Hexachlorobutadiene	15.500	225	22674	18.126	ug/l	98
95) Naphthalene	15.641	128	119085	16.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	41222	17.291	ug/l	98

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

