

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012825\
 Data File : VN085529.D
 Acq On : 28 Jan 2025 11:15
 Operator : JC\MD
 Sample : VN0128WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2025
 Supervised By : Semsettin Yesilyurt 01/29/2025

Quant Time: Jan 29 00:35:38 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	185562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	153168	51.135	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.280%
35) Dibromofluoromethane	8.165	113	113571	53.225	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.460%
50) Toluene-d8	10.565	98	410056	54.088	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.180%
62) 4-Bromofluorobenzene	12.847	95	134929	52.029	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.060%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	45881	18.261	ug/l	99
3) Chloromethane	2.359	50	46936	17.254	ug/l	98
4) Vinyl Chloride	2.512	62	49715	18.182	ug/l	98
5) Bromomethane	2.965	94	32217	19.506	ug/l	93
6) Chloroethane	3.118	64	34288	19.780	ug/l	95
7) Trichlorofluoromethane	3.501	101	82151	20.707	ug/l	94
8) Diethyl Ether	3.959	74	26345	19.222	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	45774	20.484	ug/l	98
10) Methyl Iodide	4.589	142	50026	19.549	ug/l	95
11) Tert butyl alcohol	5.512	59	37334	108.849	ug/l	99
12) 1,1-Dichloroethene	4.342	96	37952	19.057	ug/l	93
13) Acrolein	4.177	56	39646	84.676	ug/l	98
14) Allyl chloride	5.024	41	59056	18.275	ug/l	98
15) Acrylonitrile	5.712	53	116207	106.667	ug/l	98
16) Acetone	4.424	43	101360	104.730	ug/l	94
17) Carbon Disulfide	4.706	76	100344	16.364	ug/l	98
18) Methyl Acetate	5.018	43	66988	22.762	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	135056	20.885	ug/l	97
20) Methylene Chloride	5.277	84	47487	19.820	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	40233	18.903	ug/l	94
22) Diisopropyl ether	6.671	45	147403	20.550	ug/l	97
23) Vinyl Acetate	6.600	43	516002	102.796	ug/l	99
24) 1,1-Dichloroethane	6.565	63	87952	20.110	ug/l	99
25) 2-Butanone	7.477	43	153642	107.876	ug/l	98
26) 2,2-Dichloropropane	7.488	77	78263	22.133	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	49822	19.875	ug/l	99
28) Bromochloromethane	7.812	49	32851	16.145	ug/l	96
29) Tetrahydrofuran	7.836	42	102010	112.971	ug/l	99
30) Chloroform	7.965	83	92905	20.553	ug/l	93
31) Cyclohexane	8.253	56	67069	17.643	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	80919	20.408	ug/l	97
36) 1,1-Dichloropropene	8.365	75	58916	19.673	ug/l	99
37) Ethyl Acetate	7.553	43	62638	20.722	ug/l	98
38) Carbon Tetrachloride	8.359	117	70429	20.543	ug/l	97
39) Methylcyclohexane	9.600	83	53089	18.865	ug/l	96
40) Benzene	8.606	78	186111	20.683	ug/l	100

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41) Methacrylonitrile	7.777	41	33670	21.410	ug/l	98
42) 1,2-Dichloroethane	8.665	62	71068	20.970	ug/l	100
43) Isopropyl Acetate	8.688	43	105036	21.686	ug/l	99
44) Trichloroethene	9.347	130	42674	20.374	ug/l	97
45) 1,2-Dichloropropane	9.618	63	47674	20.743	ug/l	98
46) Dibromomethane	9.706	93	33823	20.395	ug/l	97
47) Bromodichloromethane	9.882	83	73309	21.697	ug/l	97
48) Methyl methacrylate	9.677	41	47567	21.823	ug/l	98
49) 1,4-Dioxane	9.694	88	15432	420.430	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	324778	115.555	ug/l	100
52) Toluene	10.629	92	113994	21.864	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	68322	21.398	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	73429	21.530	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	45212	21.912	ug/l	94
56) Ethyl methacrylate	10.871	69	62727	19.281	ug/l	98
57) 1,3-Dichloropropane	11.159	76	78623	21.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	114984	87.817	ug/l	100
59) 2-Hexanone	11.194	43	234494	118.574	ug/l	98
60) Dibromochloromethane	11.359	129	52835	21.210	ug/l	99
61) 1,2-Dibromoethane	11.471	107	42361	20.625	ug/l	99
64) Tetrachloroethene	11.100	164	40019	21.658	ug/l	99
65) Chlorobenzene	11.888	112	122235	20.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	46034	21.124	ug/l	99
67) Ethyl Benzene	11.959	91	201123	20.797	ug/l	98
68) m/p-Xylenes	12.071	106	154069	43.106	ug/l	99
69) o-Xylene	12.394	106	71535	20.943	ug/l	100
70) Styrene	12.412	104	120125	21.250	ug/l	99
71) Bromoform	12.576	173	35108	22.516	ug/l #	99
73) Isopropylbenzene	12.694	105	178577	20.880	ug/l	98
74) N-amyl acetate	12.488	43	80633	20.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	65405	21.649	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	60066m	23.321	ug/l	
77) Bromobenzene	12.976	156	47665	21.332	ug/l	99
78) n-propylbenzene	13.035	91	217855	21.517	ug/l	99
79) 2-Chlorotoluene	13.123	91	138138	21.081	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	154258	21.836	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	21965	23.073	ug/l	87
82) 4-Chlorotoluene	13.218	91	139420	21.369	ug/l	100
83) tert-Butylbenzene	13.435	119	124147	20.926	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	155548	22.092	ug/l	98
85) sec-Butylbenzene	13.612	105	178351	21.691	ug/l	100
86) p-Isopropyltoluene	13.729	119	143953	20.952	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	85729	20.833	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	84406	19.789	ug/l	99
89) n-Butylbenzene	14.053	91	115181	19.526	ug/l	100
90) Hexachloroethane	14.329	117	30558	19.522	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	83529	20.350	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12961	23.494	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	36081	18.913	ug/l	95
94) Hexachlorobutadiene	15.494	225	20163	19.907	ug/l	98
95) Naphthalene	15.641	128	104713	18.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36634	18.978	ug/l	98

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

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