

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085484.D
 Acq On : 17 Jan 2025 11:13
 Operator : JC\MD
 Sample : VN0117WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBSD01

Quant Time: Jan 17 22:31:48 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 :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	183955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	273237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	156249	52.619	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.240%
35) Dibromofluoromethane	8.159	113	112617	52.101	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.200%
50) Toluene-d8	10.565	98	409137	53.274	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.540%
62) 4-Bromofluorobenzene	12.847	95	142486	54.237	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48691	19.549	ug/l	97
3) Chloromethane	2.359	50	50646	18.780	ug/l	99
4) Vinyl Chloride	2.518	62	51172	18.878	ug/l	96
5) Bromomethane	2.965	94	33218	20.288	ug/l	99
6) Chloroethane	3.124	64	35115	20.434	ug/l	93
7) Trichlorofluoromethane	3.500	101	78735	20.019	ug/l	95
8) Diethyl Ether	3.965	74	26322	19.373	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	44434	20.058	ug/l	98
10) Methyl Iodide	4.589	142	50884	20.058	ug/l	96
11) Tert butyl alcohol	5.506	59	33206	97.660	ug/l	100
12) 1,1-Dichloroethene	4.341	96	39289	19.901	ug/l	93
13) Acrolein	4.177	56	48943	105.445	ug/l	99
14) Allyl chloride	5.024	41	61876	19.315	ug/l	98
15) Acrylonitrile	5.712	53	112136	103.829	ug/l	99
16) Acetone	4.424	43	94671	98.673	ug/l	99
17) Carbon Disulfide	4.712	76	109909	18.081	ug/l	96
18) Methyl Acetate	5.024	43	60047	20.582	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	138252	21.566	ug/l	99
20) Methylene Chloride	5.271	84	48907	20.591	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	41748	19.787	ug/l	94
22) Diisopropyl ether	6.665	45	153610	21.603	ug/l	97
23) Vinyl Acetate	6.600	43	541297	108.777	ug/l	98
24) 1,1-Dichloroethane	6.565	63	87582	20.200	ug/l	98
25) 2-Butanone	7.477	43	141888	100.494	ug/l	98
26) 2,2-Dichloropropane	7.488	77	77319	22.057	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	50878	20.473	ug/l	99
28) Bromochloromethane	7.812	49	39725	19.694	ug/l	98
29) Tetrahydrofuran	7.829	42	96478	107.778	ug/l	98
30) Chloroform	7.959	83	91918	20.512	ug/l	98
31) Cyclohexane	8.253	56	70468	18.699	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	79534	20.234	ug/l	96
36) 1,1-Dichloropropene	8.371	75	60026	19.787	ug/l	99
37) Ethyl Acetate	7.553	43	62369	20.368	ug/l	98
38) Carbon Tetrachloride	8.359	117	70109	20.187	ug/l	99
39) Methylcyclohexane	9.594	83	56823	19.933	ug/l	95
40) Benzene	8.600	78	187430	20.563	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	33318	20.914	ug/l	98
42) 1,2-Dichloroethane	8.665	62	72718	21.182	ug/l	99
43) Isopropyl Acetate	8.682	43	103199m	21.033	ug/l	
44) Trichloroethene	9.347	130	42297	19.935	ug/l	97
45) 1,2-Dichloropropane	9.618	63	47732	20.501	ug/l	98
46) Dibromomethane	9.706	93	34644	20.622	ug/l	99
47) Bromodichloromethane	9.882	83	73583	21.499	ug/l	96
48) Methyl methacrylate	9.676	41	46438	21.032	ug/l	100
49) 1,4-Dioxane	9.688	88	13944	375.014	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	305405	107.267	ug/l	100
52) Toluene	10.623	92	113240	21.441	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	69012	21.336	ug/l	94
54) cis-1,3-Dichloropropene	10.306	75	73845	21.374	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	45187	21.619	ug/l	99
56) Ethyl methacrylate	10.870	69	63716	19.328	ug/l	99
57) 1,3-Dichloropropane	11.159	76	76914	21.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	137584	103.728	ug/l	98
59) 2-Hexanone	11.194	43	213592	106.618	ug/l	100
60) Dibromochloromethane	11.353	129	52880	20.956	ug/l	99
61) 1,2-Dibromoethane	11.465	107	42998	20.667	ug/l	100
64) Tetrachloroethene	11.100	164	38920	20.894	ug/l	97
65) Chlorobenzene	11.888	112	123809	20.684	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	45216	20.582	ug/l	97
67) Ethyl Benzene	11.959	91	201013	20.618	ug/l	97
68) m/p-Xylenes	12.065	106	155798	43.240	ug/l	100
69) o-Xylene	12.394	106	72613	21.088	ug/l	96
70) Styrene	12.406	104	125550	22.031	ug/l	99
71) Bromoform	12.576	173	33726	21.456	ug/l #	100
73) Isopropylbenzene	12.694	105	188018	20.985	ug/l	100
74) N-amyl acetate	12.488	43	83028	20.617	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	63370	20.023	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	58010m	21.500	ug/l	
77) Bromobenzene	12.976	156	47888	20.458	ug/l	98
78) n-propylbenzene	13.035	91	224267	21.144	ug/l	100
79) 2-Chlorotoluene	13.123	91	141715	20.645	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	161486	21.821	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	20800	20.857	ug/l	98
82) 4-Chlorotoluene	13.217	91	143515	20.997	ug/l	99
83) tert-Butylbenzene	13.435	119	126970	20.430	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	162837	22.077	ug/l	99
85) sec-Butylbenzene	13.611	105	184149	21.379	ug/l	99
86) p-Isopropyltoluene	13.729	119	150168	20.868	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	88698	20.576	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	87563	19.597	ug/l	99
89) n-Butylbenzene	14.053	91	126959	20.545	ug/l	99
90) Hexachloroethane	14.329	117	30921	18.857	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	82253	19.129	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11536	19.961	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	39175	19.602	ug/l	98
94) Hexachlorobutadiene	15.494	225	19852	18.710	ug/l	95
95) Naphthalene	15.635	128	108435	18.183	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	39489	19.528	ug/l	99

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

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