

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085651.D
 Acq On : 04 Feb 2025 14:51
 Operator : JC\MD
 Sample : VN0204WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS02

Quant Time: Feb 05 01:04:28 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 02/05/2025
 Supervised By : Mahesh Dadoda 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	206401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	367320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150502	45.172	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.340%		
35) Dibromofluoromethane	8.165	113	124212	48.743	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	10.565	98	450633	49.771	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.540%		
62) 4-Bromofluorobenzene	12.847	95	148181	47.844	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	65996	23.616	ug/l	99
3) Chloromethane	2.359	50	62270	20.580	ug/l	97
4) Vinyl Chloride	2.512	62	76709	25.222	ug/l	98
5) Bromomethane	2.954	94	45534	24.786	ug/l	97
6) Chloroethane	3.118	64	47623	24.698	ug/l	92
7) Trichlorofluoromethane	3.495	101	90803	20.577	ug/l	99
8) Diethyl Ether	3.965	74	28815	18.901	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	53527	21.535	ug/l	98
10) Methyl Iodide	4.589	142	63259	22.224	ug/l	97
11) Tert butyl alcohol	5.524	59	41188	107.962	ug/l	98
12) 1,1-Dichloroethene	4.342	96	47753	21.557	ug/l	93
13) Acrolein	4.183	56	31533	60.548	ug/l	99
14) Allyl chloride	5.024	41	59657m	16.597	ug/l	
15) Acrylonitrile	5.718	53	123860	102.213	ug/l	99
16) Acetone	4.424	43	100115	92.999	ug/l	97
17) Carbon Disulfide	4.712	76	147410	21.613	ug/l	96
18) Methyl Acetate	5.030	43	62179	18.995	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	145880	20.281	ug/l	96
20) Methylene Chloride	5.277	84	56823	21.322	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	51109	21.589	ug/l	89
22) Diisopropyl ether	6.671	45	148162	18.571	ug/l	95
23) Vinyl Acetate	6.606	43	533384	95.530	ug/l	96
24) 1,1-Dichloroethane	6.565	63	96240	19.783	ug/l	95
25) 2-Butanone	7.483	43	157483	99.409	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	85009	21.614	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	58653	21.035	ug/l	93
28) Bromochloromethane	7.812	49	33036	14.596	ug/l	86
29) Tetrahydrofuran	7.836	42	102635	102.187	ug/l	90
30) Chloroform	7.965	83	101271	20.142	ug/l	99
31) Cyclohexane	8.259	56	78673	18.606	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	88190	19.996	ug/l	96
36) 1,1-Dichloropropene	8.371	75	70286	19.652	ug/l	99
37) Ethyl Acetate	7.559	43	65973	18.275	ug/l	98
38) Carbon Tetrachloride	8.365	117	78107	19.076	ug/l	96
39) Methylcyclohexane	9.600	83	67494	20.082	ug/l	94
40) Benzene	8.606	78	221792	20.639	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	34320	18.274	ug/l	92
42) 1,2-Dichloroethane	8.671	62	73577	18.179	ug/l	97
43) Isopropyl Acetate	8.688	43	115982m	20.051	ug/l	
44) Trichloroethene	9.353	130	49633	19.842	ug/l	97
45) 1,2-Dichloropropane	9.618	63	53997	19.672	ug/l	97
46) Dibromomethane	9.706	93	39110	19.747	ug/l	98
47) Bromodichloromethane	9.888	83	77727	19.263	ug/l	96
48) Methyl methacrylate	9.677	41	47105	18.096	ug/l	89
49) 1,4-Dioxane	9.694	88	19272	439.639	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	328830	97.965	ug/l	94
52) Toluene	10.630	92	135369	21.741	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	74675	19.583	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	83030	20.385	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	51534	20.914	ug/l	99
56) Ethyl methacrylate	10.871	69	70589	18.280	ug/l	94
57) 1,3-Dichloropropane	11.159	76	86420	20.170	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	106039	67.812	ug/l	97
59) 2-Hexanone	11.194	43	238617	101.031	ug/l	93
60) Dibromochloromethane	11.359	129	59256	19.918	ug/l	99
61) 1,2-Dibromoethane	11.465	107	50776	20.701	ug/l	99
64) Tetrachloroethene	11.100	164	45898	21.187	ug/l	97
65) Chlorobenzene	11.888	112	143836	20.663	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	51716	20.242	ug/l	100
67) Ethyl Benzene	11.965	91	233116	20.561	ug/l	98
68) m/p-Xylenes	12.071	106	181911	43.412	ug/l	98
69) o-Xylene	12.400	106	84365	21.067	ug/l	97
70) Styrene	12.412	104	145039	21.885	ug/l	97
71) Bromoform	12.576	173	38717	21.179	ug/l #	99
73) Isopropylbenzene	12.694	105	210944	20.793	ug/l	98
74) N-amyl acetate	12.494	43	84808	18.598	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	75120	20.962	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	62358m	20.410	ug/l	
77) Bromobenzene	12.976	156	54340	20.501	ug/l	95
78) n-propylbenzene	13.035	91	250899	20.891	ug/l	99
79) 2-Chlorotoluene	13.124	91	158204	20.353	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	178682	21.323	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	24629	21.810	ug/l	90
82) 4-Chlorotoluene	13.218	91	157925	20.405	ug/l	98
83) tert-Butylbenzene	13.435	119	140205	19.923	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	178481	21.370	ug/l	97
85) sec-Butylbenzene	13.612	105	202909	20.804	ug/l	100
86) p-Isopropyltoluene	13.729	119	167070	20.523	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	97119	19.896	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	98065	19.382	ug/l	99
89) n-Butylbenzene	14.053	91	130043	18.585	ug/l	98
90) Hexachloroethane	14.329	117	35354	19.041	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	95513	19.617	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13567	20.732	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	39645	17.519	ug/l	96
94) Hexachlorobutadiene	15.500	225	20609	17.154	ug/l	98
95) Naphthalene	15.641	128	123413	18.276	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	41163	17.977	ug/l	99

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

