

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085697.D
 Acq On : 07 Feb 2025 15:29
 Operator : JC\MD
 Sample : VN0207WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/10/2025
 Supervised By : Mahesh Dadoda 02/10/2025

Quant Time: Feb 07 22:31:22 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	204758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	361058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	151240	45.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.520%		
35) Dibromofluoromethane	8.165	113	118226	47.199	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	10.565	98	395655	44.457	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.920%		
62) 4-Bromofluorobenzene	12.847	95	136321	44.778	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	64983	23.440	ug/l	94
3) Chloromethane	2.360	50	69515	23.158	ug/l	97
4) Vinyl Chloride	2.512	62	65896	21.841	ug/l	94
5) Bromomethane	2.959	94	44055	24.173	ug/l	91
6) Chloroethane	3.118	64	44227	23.121	ug/l	91
7) Trichlorofluoromethane	3.495	101	90797	20.740	ug/l	99
8) Diethyl Ether	3.959	74	31983	21.148	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	53195	21.574	ug/l	97
10) Methyl Iodide	4.589	142	68141	24.132	ug/l	98
11) Tert butyl alcohol	5.512	59	46788	123.624	ug/l	100
12) 1,1-Dichloroethene	4.336	96	45708	20.800	ug/l	92
13) Acrolein	4.177	56	27870	53.944	ug/l	99
14) Allyl chloride	5.018	41	64257	18.020	ug/l	96
15) Acrylonitrile	5.718	53	142328	118.395	ug/l	99
16) Acetone	4.424	43	115947	108.570	ug/l	96
17) Carbon Disulfide	4.712	76	141810	20.959	ug/l	97
18) Methyl Acetate	5.018	43	70438	21.690	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	163361	22.894	ug/l	98
20) Methylene Chloride	5.271	84	62064	23.475	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	51651	21.993	ug/l	88
22) Diisopropyl ether	6.671	45	166401	21.024	ug/l	98
23) Vinyl Acetate	6.600	43	612077	110.504	ug/l	97
24) 1,1-Dichloroethane	6.565	63	103755	21.499	ug/l	98
25) 2-Butanone	7.483	43	172178	109.557	ug/l	93
26) 2,2-Dichloropropane	7.489	77	82678	21.190	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	61596	22.268	ug/l	93
28) Bromochloromethane	7.806	49	42652	18.996	ug/l	87
29) Tetrahydrofuran	7.836	42	113313	113.724	ug/l	91
30) Chloroform	7.959	83	109674	21.988	ug/l	97
31) Cyclohexane	8.253	56	74342	17.723	ug/l #	92
32) 1,1,1-Trichloroethane	8.165	97	91442	20.900	ug/l	96
36) 1,1-Dichloropropene	8.365	75	68320	19.434	ug/l	99
37) Ethyl Acetate	7.553	43	74735	21.062	ug/l	97
38) Carbon Tetrachloride	8.359	117	79362	19.719	ug/l	96
39) Methylcyclohexane	9.594	83	60997	18.464	ug/l	99
40) Benzene	8.600	78	229785	21.754	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36965	20.023	ug/l	92
42) 1,2-Dichloroethane	8.665	62	84969	21.358	ug/l	98
43) Isopropyl Acetate	8.683	43	123785	21.771	ug/l	98
44) Trichloroethene	9.347	130	51316	20.870	ug/l	99
45) 1,2-Dichloropropane	9.618	63	56756	21.036	ug/l	99
46) Dibromomethane	9.706	93	43495	22.342	ug/l	96
47) Bromodichloromethane	9.883	83	88058	22.202	ug/l	99
48) Methyl methacrylate	9.683	41	51222	20.018	ug/l	91
49) 1,4-Dioxane	9.688	88	21635	502.105	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	363189	110.078	ug/l	95
52) Toluene	10.630	92	137262	22.427	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	82334	21.966	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	86935	21.713	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	56876	23.482	ug/l	96
56) Ethyl methacrylate	10.871	69	76326	19.915	ug/l	93
57) 1,3-Dichloropropane	11.159	76	96253	22.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	164388	106.949	ug/l	96
59) 2-Hexanone	11.194	43	263412	113.464	ug/l	97
60) Dibromochloromethane	11.359	129	67355	23.034	ug/l	98
61) 1,2-Dibromoethane	11.465	107	55311	22.941	ug/l	100
64) Tetrachloroethene	11.100	164	48325	22.015	ug/l	97
65) Chlorobenzene	11.888	112	147469	20.906	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	55268	21.348	ug/l	100
67) Ethyl Benzene	11.959	91	230666	20.077	ug/l	98
68) m/p-Xylenes	12.071	106	185187	43.614	ug/l	96
69) o-Xylene	12.394	106	84189	20.747	ug/l	99
70) Styrene	12.406	104	148024	22.042	ug/l	98
71) Bromoform	12.576	173	44568	24.060	ug/l #	99
73) Isopropylbenzene	12.694	105	205925	19.698	ug/l	99
74) N-amyl acetate	12.488	43	91818	19.541	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	81853	22.166	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	65401m	20.774	ug/l	
77) Bromobenzene	12.976	156	59183	21.669	ug/l	95
78) n-propylbenzene	13.035	91	251035	20.284	ug/l	100
79) 2-Chlorotoluene	13.124	91	161264	20.134	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	177286	20.531	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	26708m	22.953	ug/l	
82) 4-Chlorotoluene	13.218	91	161795	20.288	ug/l	97
83) tert-Butylbenzene	13.435	119	137581	18.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	179423	20.848	ug/l	100
85) sec-Butylbenzene	13.612	105	196538	19.555	ug/l	99
86) p-Isopropyltoluene	13.729	119	160371	19.187	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	103558	20.588	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	101964	19.557	ug/l	99
89) n-Butylbenzene	14.053	91	128801	17.864	ug/l	100
90) Hexachloroethane	14.329	117	35758	18.689	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	99105	19.753	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	14969	22.198	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	42691	18.308	ug/l	99
94) Hexachlorobutadiene	15.500	225	22302	18.014	ug/l	96
95) Naphthalene	15.635	128	121135	17.409	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	41818	17.723	ug/l	97

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

