

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085695.D
 Acq On : 07 Feb 2025 13:50
 Operator : JC\MD
 Sample : VN0207WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 07 22:30:01 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	236952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	398535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154451	40.380	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.760%		
35) Dibromofluoromethane	8.165	113	125401	45.355	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.720%		
50) Toluene-d8	10.565	98	446324	45.434	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.860%		
62) 4-Bromofluorobenzene	12.847	95	151227	45.003	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	75975	23.681	ug/l	98
3) Chloromethane	2.359	50	73621	21.194	ug/l	97
4) Vinyl Chloride	2.512	62	78940	22.609	ug/l	95
5) Bromomethane	2.959	94	46963	22.268	ug/l	96
6) Chloroethane	3.118	64	48535	21.926	ug/l	97
7) Trichlorofluoromethane	3.500	101	107670	21.253	ug/l	100
8) Diethyl Ether	3.959	74	32795	18.738	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	61908	21.696	ug/l	99
10) Methyl Iodide	4.589	142	73555	22.510	ug/l	95
11) Tert butyl alcohol	5.518	59	44254	101.042	ug/l	98
12) 1,1-Dichloroethene	4.342	96	53841	21.172	ug/l	93
13) Acrolein	4.177	56	27165	45.436	ug/l	94
14) Allyl chloride	5.024	41	69949	16.951	ug/l	95
15) Acrylonitrile	5.718	53	140861	101.255	ug/l	99
16) Acetone	4.424	43	115224	93.234	ug/l	96
17) Carbon Disulfide	4.712	76	167632	21.409	ug/l	98
18) Methyl Acetate	5.024	43	70660	18.802	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	161726	19.585	ug/l	99
20) Methylene Chloride	5.277	84	65462	21.397	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	58907	21.675	ug/l	92
22) Diisopropyl ether	6.671	45	172315	18.813	ug/l	98
23) Vinyl Acetate	6.606	43	603937	94.220	ug/l	98
24) 1,1-Dichloroethane	6.565	63	112876	20.211	ug/l	98
25) 2-Butanone	7.482	43	171227	94.149	ug/l	94
26) 2,2-Dichloropropane	7.488	77	97458	21.584	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	67479	21.080	ug/l	93
28) Bromochloromethane	7.812	49	44085	16.967	ug/l	87
29) Tetrahydrofuran	7.835	42	114338	99.162	ug/l	91
30) Chloroform	7.965	83	115968	20.091	ug/l	98
31) Cyclohexane	8.253	56	89060	18.347	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	102494	20.243	ug/l	97
36) 1,1-Dichloropropene	8.371	75	79793	20.563	ug/l	99
37) Ethyl Acetate	7.559	43	74052	18.907	ug/l	97
38) Carbon Tetrachloride	8.359	117	92764	20.881	ug/l	98
39) Methylcyclohexane	9.600	83	73110	20.050	ug/l	94
40) Benzene	8.606	78	250701	21.502	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36255	17.792	ug/l	91
42) 1,2-Dichloroethane	8.665	62	86837	19.775	ug/l	97
43) Isopropyl Acetate	8.688	43	126383	20.138	ug/l	99
44) Trichloroethene	9.347	130	57514	21.191	ug/l	95
45) 1,2-Dichloropropane	9.618	63	59744	20.061	ug/l	98
46) Dibromomethane	9.706	93	44381	20.653	ug/l	94
47) Bromodichloromethane	9.888	83	92454	21.118	ug/l	95
48) Methyl methacrylate	9.676	41	53028	18.775	ug/l	93
49) 1,4-Dioxane	9.694	88	20326	427.366	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	369852	101.556	ug/l	95
52) Toluene	10.629	92	150181	22.230	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	83653	20.219	ug/l	91
54) cis-1,3-Dichloropropene	10.312	75	93214	21.092	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	59190	22.139	ug/l	97
56) Ethyl methacrylate	10.871	69	77961	18.573	ug/l	92
57) 1,3-Dichloropropane	11.159	76	96700	20.801	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	169792	100.077	ug/l	98
59) 2-Hexanone	11.194	43	264048	103.042	ug/l	95
60) Dibromochloromethane	11.359	129	69278	21.463	ug/l	99
61) 1,2-Dibromoethane	11.465	107	57577	21.635	ug/l	97
64) Tetrachloroethene	11.100	164	55698	22.991	ug/l	98
65) Chlorobenzene	11.888	112	164849	21.176	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	60142	21.049	ug/l	99
67) Ethyl Benzene	11.959	91	264165	20.834	ug/l	98
68) m/p-Xylenes	12.070	106	210886	45.003	ug/l	95
69) o-Xylene	12.394	106	95177	21.253	ug/l	98
70) Styrene	12.406	104	160614	21.671	ug/l	98
71) Bromoform	12.576	173	45539	22.275	ug/l #	100
73) Isopropylbenzene	12.694	105	234440	20.073	ug/l	98
74) N-amyl acetate	12.494	43	94657	18.031	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	83936	20.345	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	68854m	19.576	ug/l	
77) Bromobenzene	12.976	156	63536	20.822	ug/l	95
78) n-propylbenzene	13.035	91	282309	20.418	ug/l	99
79) 2-Chlorotoluene	13.123	91	182982	20.449	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	202386	20.979	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	27308	21.006	ug/l	86
82) 4-Chlorotoluene	13.217	91	183017	20.541	ug/l	98
83) tert-Butylbenzene	13.435	119	157805	19.478	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	204108	21.228	ug/l	98
85) sec-Butylbenzene	13.612	105	226461	20.169	ug/l	99
86) p-Isopropyltoluene	13.729	119	182365	19.512	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	114082	20.301	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	115480	19.826	ug/l	99
89) n-Butylbenzene	14.053	91	146366	18.170	ug/l	99
90) Hexachloroethane	14.329	117	41246	19.296	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	110075	19.638	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15332	20.351	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	47364	18.181	ug/l	99
94) Hexachlorobutadiene	15.494	225	25468	18.413	ug/l	98
95) Naphthalene	15.635	128	131792	16.953	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	47205	17.907	ug/l	100

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

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