

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085722.D
 Acq On : 10 Feb 2025 14:36
 Operator : JC\MD
 Sample : VN0210MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 03:21:47 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	232495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	390355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	342656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142087	37.860	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	75.720%		
35) Dibromofluoromethane	8.165	113	114983	42.459	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.920%		
50) Toluene-d8	10.565	98	403777	41.965	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	83.920%#		
62) 4-Bromofluorobenzene	12.847	95	139145	42.275	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	84.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	71677	22.770	ug/l	97
3) Chloromethane	2.359	50	69147	20.288	ug/l	98
4) Vinyl Chloride	2.512	62	72075	21.039	ug/l	99
5) Bromomethane	2.959	94	45167	21.827	ug/l	100
6) Chloroethane	3.124	64	45088	20.759	ug/l	93
7) Trichlorofluoromethane	3.500	101	102499	20.620	ug/l	99
8) Diethyl Ether	3.965	74	32793	19.096	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	58253	20.806	ug/l	99
10) Methyl Iodide	4.589	142	71817	22.399	ug/l	95
11) Tert butyl alcohol	5.512	59	43894	102.141	ug/l	99
12) 1,1-Dichloroethene	4.342	96	51978	20.831	ug/l	91
13) Acrolein	4.177	56	45365	77.331	ug/l	97
14) Allyl chloride	5.024	41	69318	17.120	ug/l	94
15) Acrylonitrile	5.712	53	137117	100.453	ug/l	97
16) Acetone	4.430	43	109739	90.498	ug/l	95
17) Carbon Disulfide	4.712	76	153054	19.922	ug/l	96
18) Methyl Acetate	5.018	43	69862	18.946	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	165811	20.465	ug/l	96
20) Methylene Chloride	5.277	84	61169	20.377	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	53500	20.063	ug/l	96
22) Diisopropyl ether	6.671	45	167294	18.615	ug/l	97
23) Vinyl Acetate	6.600	43	591086	93.983	ug/l	96
24) 1,1-Dichloroethane	6.565	63	105966	19.338	ug/l	97
25) 2-Butanone	7.483	43	165770	92.896	ug/l	90
26) 2,2-Dichloropropane	7.488	77	93656	21.139	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	64373	20.495	ug/l	94
28) Bromochloromethane	7.806	49	43387	17.018	ug/l	85
29) Tetrahydrofuran	7.835	42	109676	96.942	ug/l	92
30) Chloroform	7.959	83	109853	19.396	ug/l	96
31) Cyclohexane	8.253	56	84821	17.809	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	98211	19.769	ug/l	99
36) 1,1-Dichloropropene	8.371	75	74569	19.620	ug/l	99
37) Ethyl Acetate	7.559	43	70297	18.324	ug/l #	98
38) Carbon Tetrachloride	8.365	117	88654	20.374	ug/l	99
39) Methylcyclohexane	9.600	83	71533	20.028	ug/l	95
40) Benzene	8.600	78	235422	20.615	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	35905	17.989	ug/l	94
42) 1,2-Dichloroethane	8.665	62	81293	18.900	ug/l	96
43) Isopropyl Acetate	8.682	43	125046	20.342	ug/l	98
44) Trichloroethene	9.347	130	55187	20.760	ug/l	91
45) 1,2-Dichloropropane	9.618	63	57988	19.879	ug/l	99
46) Dibromomethane	9.700	93	42150	20.026	ug/l	97
47) Bromodichloromethane	9.882	83	87989	20.519	ug/l	97
48) Methyl methacrylate	9.676	41	53387	19.299	ug/l	93
49) 1,4-Dioxane	9.688	88	19301	414.319	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	346580	97.160	ug/l	96
52) Toluene	10.629	92	144514	21.840	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	81421	20.092	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	90599	20.930	ug/l	91
55) 1,1,2-Trichloroethane	11.012	97	55427	21.166	ug/l	97
56) Ethyl methacrylate	10.871	69	76834	18.676	ug/l	90
57) 1,3-Dichloropropane	11.159	76	96038	21.092	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	171485	103.193	ug/l	97
59) 2-Hexanone	11.194	43	244245	97.312	ug/l	93
60) Dibromochloromethane	11.353	129	64634	20.444	ug/l	97
61) 1,2-Dibromoethane	11.465	107	54180	20.785	ug/l	98
64) Tetrachloroethene	11.100	164	51850	22.196	ug/l	97
65) Chlorobenzene	11.888	112	155179	20.673	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	56205	20.401	ug/l	100
67) Ethyl Benzene	11.959	91	250718	20.507	ug/l	96
68) m/p-Xylenes	12.070	106	196688	43.529	ug/l	97
69) o-Xylene	12.394	106	92172	21.345	ug/l	96
70) Styrene	12.406	104	152856	21.389	ug/l	98
71) Bromoform	12.576	173	43305	21.968	ug/l #	99
73) Isopropylbenzene	12.694	105	228264	20.716	ug/l	99
74) N-amyl acetate	12.488	43	89176	18.006	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	78605	20.195	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	61778m	18.617	ug/l	
77) Bromobenzene	12.976	156	59400	20.634	ug/l	96
78) n-propylbenzene	13.035	91	264974	20.313	ug/l	99
79) 2-Chlorotoluene	13.123	91	168741	19.988	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	191275	21.016	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	26604m	21.691	ug/l	
82) 4-Chlorotoluene	13.217	91	171538	20.407	ug/l	98
83) tert-Butylbenzene	13.435	119	154006	20.149	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	191646	21.127	ug/l	99
85) sec-Butylbenzene	13.612	105	218921	20.666	ug/l	100
86) p-Isopropyltoluene	13.729	119	176413	19.982	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	108114	20.393	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	108033	19.659	ug/l	99
89) n-Butylbenzene	14.053	91	142915	18.805	ug/l	98
90) Hexachloroethane	14.329	117	36727	18.212	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	102541	19.390	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14455	20.337	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	46061	18.740	ug/l	99
94) Hexachlorobutadiene	15.500	225	25214	19.323	ug/l	99
95) Naphthalene	15.641	128	137240	18.712	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	47933	19.274	ug/l	99

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

