

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085652.D
 Acq On : 04 Feb 2025 15:24
 Operator : JC\MD
 Sample : VN0204MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/05/2025
 Supervised By : Mahesh Dadoda 02/06/2025

Quant Time: Feb 05 01:05:21 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	191861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144784	46.749	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.500%		
35) Dibromofluoromethane	8.165	113	116536	49.004	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.000%		
50) Toluene-d8	10.565	98	424141	50.198	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.400%		
62) 4-Bromofluorobenzene	12.847	95	143962	49.809	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	63351	24.387	ug/l	98
3) Chloromethane	2.359	50	59900	21.297	ug/l	100
4) Vinyl Chloride	2.512	62	67781	23.975	ug/l	100
5) Bromomethane	2.954	94	44720	26.187	ug/l	97
6) Chloroethane	3.118	64	45960	25.642	ug/l	98
7) Trichlorofluoromethane	3.495	101	94875	23.129	ug/l	99
8) Diethyl Ether	3.959	74	32957	23.257	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.365	101	56027	24.249	ug/l	96
10) Methyl Iodide	4.589	142	65747	24.849	ug/l	97
11) Tert butyl alcohol	5.518	59	42650	120.266	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	50437	24.494	ug/l	89
13) Acrolein	4.183	56	34726	71.733	ug/l	98
14) Allyl chloride	5.024	41	58039	17.370	ug/l	96
15) Acrylonitrile	5.712	53	124077	110.151	ug/l	100
16) Acetone	4.424	43	116532	116.453	ug/l	93
17) Carbon Disulfide	4.712	76	153456	24.205	ug/l	99
18) Methyl Acetate	5.030	43	60024	19.726	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	144114	21.554	ug/l	98
20) Methylene Chloride	5.271	84	53733	21.690	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	47217	21.456	ug/l	96
22) Diisopropyl ether	6.671	45	144054	19.424	ug/l	99
23) Vinyl Acetate	6.600	43	518267	99.857	ug/l	96
24) 1,1-Dichloroethane	6.565	63	91957	20.335	ug/l	96
25) 2-Butanone	7.483	43	155498	105.595	ug/l	94
26) 2,2-Dichloropropane	7.489	77	78555	21.486	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	57118	22.037	ug/l	92
28) Bromochloromethane	7.812	49	32233	15.321	ug/l	89
29) Tetrahydrofuran	7.841	42	99967	107.074	ug/l	89
30) Chloroform	7.959	83	95068	20.341	ug/l	96
31) Cyclohexane	8.253	56	74686	19.002	ug/l #	90
32) 1,1,1-Trichloroethane	8.165	97	84251	20.551	ug/l	96
36) 1,1-Dichloropropene	8.371	75	63769	19.106	ug/l	98
37) Ethyl Acetate	7.559	43	63842	18.951	ug/l #	96
38) Carbon Tetrachloride	8.359	117	73700	19.288	ug/l	99
39) Methylcyclohexane	9.600	83	63187	20.147	ug/l	97
40) Benzene	8.606	78	208870	20.828	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31640	18.052	ug/l	91
42) 1,2-Dichloroethane	8.671	62	72294	19.141	ug/l	97
43) Isopropyl Acetate	8.683	43	116590	21.599	ug/l	99
44) Trichloroethene	9.353	130	47490	20.344	ug/l	99
45) 1,2-Dichloropropane	9.618	63	50726	19.803	ug/l	95
46) Dibromomethane	9.706	93	38132	20.631	ug/l	99
47) Bromodichloromethane	9.888	83	76678	20.363	ug/l	98
48) Methyl methacrylate	9.682	41	47488	19.548	ug/l	91
49) 1,4-Dioxane	9.694	88	21547	526.718	ug/l #	75
51) 4-Methyl-2-Pentanone	10.441	43	326930	104.370	ug/l	94
52) Toluene	10.629	92	129072	22.213	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	73023	20.521	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	78455	20.640	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	50259	21.856	ug/l	96
56) Ethyl methacrylate	10.871	69	69225	19.111	ug/l	95
57) 1,3-Dichloropropane	11.165	76	85957	21.497	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	98064	67.200	ug/l	97
59) 2-Hexanone	11.194	43	241301	109.480	ug/l	95
60) Dibromochloromethane	11.353	129	58665	21.131	ug/l	98
61) 1,2-Dibromoethane	11.471	107	50901	22.237	ug/l	97
64) Tetrachloroethene	11.100	164	43664	20.926	ug/l	99
65) Chlorobenzene	11.888	112	140221	20.913	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	48910	19.875	ug/l	100
67) Ethyl Benzene	11.965	91	227405	20.823	ug/l	99
68) m/p-Xylenes	12.071	106	178664	44.266	ug/l	94
69) o-Xylene	12.400	106	82232	21.319	ug/l	95
70) Styrene	12.412	104	139030	21.779	ug/l	97
71) Bromoform	12.576	173	38333	21.770	ug/l #	97
73) Isopropylbenzene	12.694	105	203175	20.918	ug/l	99
74) N-amyl acetate	12.494	43	85269	19.531	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	74552	21.729	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	60359m	20.635	ug/l	
77) Bromobenzene	12.976	156	53604	21.124	ug/l	95
78) n-propylbenzene	13.035	91	247683	21.540	ug/l	100
79) 2-Chlorotoluene	13.123	91	150518	20.226	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	171545	21.382	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	25357m	23.454	ug/l	
82) 4-Chlorotoluene	13.218	91	153631	20.734	ug/l	97
83) tert-Butylbenzene	13.435	119	139930	20.769	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	171421	21.437	ug/l	97
85) sec-Butylbenzene	13.618	105	195210	20.905	ug/l	100
86) p-Isopropyltoluene	13.729	119	159513	20.469	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	98006	20.971	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	97010	20.027	ug/l	98
89) n-Butylbenzene	14.059	91	128097	19.122	ug/l	98
90) Hexachloroethane	14.329	117	35056	19.720	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	91519	19.633	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12773	20.387	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	40421	18.657	ug/l	98
94) Hexachlorobutadiene	15.500	225	20813	18.094	ug/l	98
95) Naphthalene	15.641	128	127060	19.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	40998	18.701	ug/l	99

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

