

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086173.D
 Acq On : 31 Mar 2025 16:38
 Operator : JC\MD
 Sample : VN0331MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2025
 Supervised By : Mahesh Dadoda 04/01/2025

Quant Time: Apr 01 01:37:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	191174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130669	49.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.840%		
35) Dibromofluoromethane	8.165	113	110513	51.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.180%		
50) Toluene-d8	10.565	98	388474	49.481	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.960%		
62) 4-Bromofluorobenzene	12.847	95	133564	47.703	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47960	18.936	ug/l	98
3) Chloromethane	2.359	50	37974	17.102	ug/l	98
4) Vinyl Chloride	2.512	62	38861	17.117	ug/l	99
5) Bromomethane	2.954	94	24283	15.703	ug/l	99
6) Chloroethane	3.124	64	23599	16.477	ug/l	90
7) Trichlorofluoromethane	3.501	101	71980	17.637	ug/l	96
8) Diethyl Ether	3.965	74	23518	18.824	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	40898	18.855	ug/l	97
10) Methyl Iodide	4.583	142	53264	18.846	ug/l	99
11) Tert butyl alcohol	5.518	59	29000	78.244	ug/l	99
12) 1,1-Dichloroethene	4.342	96	36622	18.698	ug/l	93
13) Acrolein	4.183	56	34782	87.986	ug/l	96
14) Allyl chloride	5.024	41	44649	18.273	ug/l	96
15) Acrylonitrile	5.724	53	95854	97.925	ug/l	100
16) Acetone	4.424	43	68551	85.713	ug/l	99
17) Carbon Disulfide	4.712	76	114746	17.815	ug/l	100
18) Methyl Acetate	5.024	43	38566	19.490	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	116135	18.095	ug/l	98
20) Methylene Chloride	5.271	84	45615	19.496	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	40342	18.848	ug/l	97
22) Diisopropyl ether	6.671	45	111232	21.362	ug/l	98
23) Vinyl Acetate	6.600	43	384571	97.430	ug/l	98
24) 1,1-Dichloroethane	6.571	63	73016	19.070	ug/l	98
25) 2-Butanone	7.483	43	104561	90.606	ug/l	95
26) 2,2-Dichloropropane	7.489	77	62843	17.048	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	45601	18.748	ug/l	98
28) Bromochloromethane	7.812	49	36257	22.350	ug/l	98
29) Tetrahydrofuran	7.841	42	69769	97.928	ug/l	98
30) Chloroform	7.965	83	79600	18.808	ug/l	96
31) Cyclohexane	8.259	56	59675	18.295	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	71698	17.897	ug/l	96
36) 1,1-Dichloropropene	8.371	75	51894	18.219	ug/l	98
37) Ethyl Acetate	7.559	43	48044	19.993	ug/l	97
38) Carbon Tetrachloride	8.359	117	66116	17.654	ug/l	92
39) Methylcyclohexane	9.600	83	47088	16.662	ug/l	94
40) Benzene	8.606	78	171456	19.175	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	23304	20.309	ug/l	94
42) 1,2-Dichloroethane	8.671	62	57033	18.305	ug/l	98
43) Isopropyl Acetate	8.688	43	78805	15.134	ug/l	97
44) Trichloroethene	9.347	130	41402	17.865	ug/l	91
45) 1,2-Dichloropropane	9.618	63	41207	20.261	ug/l	93
46) Dibromomethane	9.706	93	31374	19.616	ug/l	96
47) Bromodichloromethane	9.888	83	63409	18.969	ug/l	94
48) Methyl methacrylate	9.677	41	32312	18.804	ug/l	96
49) 1,4-Dioxane	9.694	88	15306	376.802	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	225816	98.330	ug/l	96
52) Toluene	10.624	92	106824	19.465	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	59309	18.270	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	63845	18.640	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	41871	19.989	ug/l	96
56) Ethyl methacrylate	10.871	69	52527	18.487	ug/l	97
57) 1,3-Dichloropropane	11.165	76	68681	19.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	132454	119.843	ug/l	98
59) 2-Hexanone	11.194	43	160940	96.199	ug/l	94
60) Dibromochloromethane	11.359	129	50281	18.602	ug/l	97
61) 1,2-Dibromoethane	11.465	107	42035	19.547	ug/l	100
64) Tetrachloroethene	11.100	164	41885	18.747	ug/l	97
65) Chlorobenzene	11.888	112	116127	18.119	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	42800	17.965	ug/l	95
67) Ethyl Benzene	11.959	91	177146	17.279	ug/l	99
68) m/p-Xylenes	12.071	106	147225	36.537	ug/l	95
69) o-Xylene	12.394	106	66882	18.085	ug/l	95
70) Styrene	12.412	104	112466	17.804	ug/l	99
71) Bromoform	12.576	173	34892	17.519	ug/l #	100
73) Isopropylbenzene	12.694	105	159207	16.616	ug/l	99
74) N-amyl acetate	12.494	43	58149	18.139	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	57701	17.800	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	54892m	17.474	ug/l	
77) Bromobenzene	12.976	156	46829	17.528	ug/l	100
78) n-propylbenzene	13.035	91	193345	17.820	ug/l	99
79) 2-Chlorotoluene	13.123	91	124812	17.319	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	141603	17.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18939	15.940	ug/l	92
82) 4-Chlorotoluene	13.218	91	130069	17.551	ug/l	96
83) tert-Butylbenzene	13.435	119	110294	15.941	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	143198	17.550	ug/l	98
85) sec-Butylbenzene	13.612	105	156266	17.313	ug/l	99
86) p-Isopropyltoluene	13.729	119	129254	16.917	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	87297	18.127	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	84864	16.772	ug/l	98
89) n-Butylbenzene	14.053	91	99841	16.047	ug/l	98
90) Hexachloroethane	14.335	117	30017	17.027	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	81985	17.125	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10840	16.752	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	35513	14.753	ug/l	98
94) Hexachlorobutadiene	15.500	225	20945	14.998	ug/l	100
95) Naphthalene	15.641	128	95641	13.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35543	15.561	ug/l	99

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

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