

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044753.D
 Acq On : 28 Jan 2025 18:40
 Operator : JC/MD
 Sample : Q1148-05
 Misc : 10.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 XA174

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2025
 Supervised By : Mahesh Dadoda 01/30/2025

Quant Time: Jan 29 07:43:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 12:04:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	265580	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	232399	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	105591	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88439m	44.239	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.480%
7) Chloroethane-d5	1.648	69	24988m	32.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.800%#
11) 1,1-Dichloroethene-d2	2.276	65	36495	42.708	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.420%
21) 2-Butanone-d5	4.495	46	74483	87.152	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.150%
24) Chloroform-d	5.050	84	149794	42.641	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.280%
26) 1,2-Dichloroethane-d4	5.952	65	95408	45.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.500%
32) Benzene-d6	5.964	84	325643	44.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.620%
36) 1,2-Dichloropropane-d6	7.306	67	101665	44.201	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.400%
41) Toluene-d8	8.647	98	282731	43.961	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.920%
43) trans-1,3-Dichloroprop...	8.946	79	48395	44.358	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.720%
47) 2-Hexanone-d5	9.391	63	64982	95.463	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.460%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	140283	49.082	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.160%
66) 1,2-Dichlorobenzene-d4	12.317	152	94235	45.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.220%
Target Compounds						
13) Acetone	2.410	43	311081	365.021	ug/L	99
15) Methyl Acetate	2.715	43	26930	13.655	ug/L	100
16) Methylene chloride	2.776	84	187132	99.398	ug/L	98
17) trans-1,2-Dichloroethene	3.075	96	85095	49.420	ug/L	98
18) Methyl tert-butyl Ether	3.130	73	1176469	198.173	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	232556	112.829	ug/L	99
22) 2-Butanone	4.587	43	145630	103.630	ug/L	97
27) 1,2-Dichloroethane	6.080	62	202466	79.003	ug/L	97
31) Carbon tetrachloride	5.666	117	435695	172.790	ug/L	99
33) Benzene	6.025	78	1357508	177.246	ug/L	100
34) Trichloroethene	7.117	95	356301	182.812	ug/L	99
38) Bromodichloromethane	7.818	83	468926	180.358	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	189013	56.199	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	655211	239.252	ug/L	99
42) Toluene	8.714	91	1179368	150.091	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	307324	158.934	ug/L	99
46) Tetrachloroethene	9.269	164	105925	76.533	ug/L	98
48) 2-Hexanone	9.433	43	394342	200.957	ug/L	99
49) Dibromochloromethane	9.519	129	151770	77.826	ug/L	99

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50) 1,2-Dibromoethane	9.610	107	358376	176.832	ug/L	98
52) Ethylbenzene	10.189	91	1320738	153.769	ug/L	99
53) m,p-Xylene	10.299	106	340600	105.627	ug/L	98
54) o-Xylene	10.640	106	299611	94.265	ug/L	100
55) Styrene	10.653	104	924747	176.285	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	472654	157.542	ug/L	99
59) Bromoform	10.799	173	158286	113.321	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	204163	87.578	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	102196	29.315	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	397001	114.408	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	469406	135.812	ug/L	98

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

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