

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018450.D
 Acq On : 25 Sep 2020 13:11
 Operator : SY/MD
 Sample : L4109-12ME
 Misc : 6.17µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X2ME

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:00:31 PM

Quant Time: Sep 26 02:11:08 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Sep 25 23:36:18 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	432072	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	417931	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	218272	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104289	29.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.24%#
7) Chloroethane-d5	1.58	69	90797	31.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.02%#
11) 1,1-Dichloroethene-d2	2.10	63	159262	24.66	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.32%#
21) 2-Butanone-d5	3.93	46	170413	79.07	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.07%
24) Chloroform-d	4.37	84	236437	38.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	5.05	65	157654	40.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.52%
32) Benzene-d6	5.07	84	497255	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
36) 1,2-Dichloropropane-d6	6.09	67	163618	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.08%
41) Toluene-d8	7.34	98	464111	42.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.12%
43) trans-1,3-Dichloropropene-	7.64	79	81658	42.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.54%
47) 2-Hexanone-d5	8.14	63	146169	101.51	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.51%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	218161	45.72	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	205097	45.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.50%

Target Compounds

					Ovalue
29) Cyclohexane	4.70	56	83684	17.340 ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	7787	1.605 ug/L	98
35) Methylcyclohexane	6.15	83	5681m	1.159 ug/L	
42) Toluene	7.41	91	500460	39.576 ug/L	99
45) 1,1,2-Trichloroethane	7.81	97	5433	1.851 ug/L #	21
46) Tetrachloroethene	8.00	164	11840	4.639 ug/L	97
52) Ethylbenzene	9.04	91	256690	18.593 ug/L	99
53) m,p-Xylene	9.16	106	412663	80.082 ug/L	97
54) o-xylene	9.57	106	174646	35.180 ug/L	99
56) Isopropylbenzene	9.95	105	330773	24.723 ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	11671	1.779 ug/L #	81
68) 1,2,4-trichlorobenzene	13.29	180	97973	21.502 ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	27150	6.050 ug/L #	94

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

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