

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018428.D
 Acq On : 24 Sep 2020 14:51
 Operator : SY/MD
 Sample : L4109-04ME
 Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3W8ME

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 3:43:11 PM

Quant Time: Sep 25 05:38:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	421340	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	417249	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	225909	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	140902	41.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.06%
7) Chloroethane-d5	1.58	69	119125	42.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.10	63	218808	34.74	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.48%
21) 2-Butanone-d5	3.93	46	226802	107.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.91%
24) Chloroform-d	4.37	84	306354	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
26) 1,2-Dichloroethane-d4	5.05	65	204545	53.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.12%
32) Benzene-d6	5.07	84	628684	52.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.26%
36) 1,2-Dichloropropane-d6	6.09	67	203035	53.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.00%
41) Toluene-d8	7.34	98	588478	54.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.12%
43) trans-1,3-Dichloropropene-	7.64	79	103971	53.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.82%
47) 2-Hexanone-d5	8.14	63	177318m	123.34	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.34%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	263682	55.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	266864	57.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) cis-1,2-Dichloroethene	3.93	96	10236	3.359	ug/L	97
29) Cyclohexane	4.69	56	43924	9.116	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	34252	7.073	ug/L	99
42) Toluene	7.41	91	425511	33.704	ug/L	99
52) Ethylbenzene	9.04	91	158879	11.527	ug/L	100
53) m,p-Xylene	9.16	106	270630	52.604	ug/L	96
54) o-xylene	9.57	106	104308	21.046	ug/L	99
56) Isopropylbenzene	9.95	105	116196	8.699	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	6773	0.998	ug/L #	84

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

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