

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018446.D
 Acq On : 25 Sep 2020 11:33
 Operator : SY/MD
 Sample : L4109-11ME
 Misc : 5.91µL/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X1ME

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:00:21 PM

Quant Time: Sep 29 01:31:53 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	404017	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	400255	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	210264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95859	29.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.22%#
7) Chloroethane-d5	1.58	69	84192	31.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.50%#
11) 1,1-Dichloroethene-d2	2.10	63	136889	22.66	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.32%#
21) 2-Butanone-d5	3.93	46	118530	58.81	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	58.81%
24) Chloroform-d	4.37	84	217114	38.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.02%
26) 1,2-Dichloroethane-d4	5.05	65	144732	39.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.04%
32) Benzene-d6	5.07	84	451009	39.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.72%
36) 1,2-Dichloropropane-d6	6.09	67	149678	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.22%
41) Toluene-d8	7.33	98	435940	41.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.50%
43) trans-1,3-Dichloropropene-	7.65	79	75791	40.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.94%
47) 2-Hexanone-d5	8.14	63	127804	92.67	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.67%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	213753	46.78	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	196022	45.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.78%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) cis-1,2-Dichloroethene	3.93	96	7326	2.507	ug/L	95
29) Cyclohexane	4.69	56	47472	10.271	ug/L	98
30) 1,1,1-Trichloroethane	4.62	97	68440	14.734	ug/L	99
35) Methylcyclohexane	6.15	83	9153m	1.950	ug/L	
42) Toluene	7.41	91	1381778	114.097	ug/L	100
52) Ethylbenzene	9.03	91	609882	46.127	ug/L	99
53) m,p-Xylene	9.16	106	1043196	211.383	ug/L	95
54) o-xylene	9.57	106	425457	89.487	ug/L	100
56) Isopropylbenzene	9.95	105	604155	47.150	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	4725	0.756	ug/L #	1
63) 1,4-Dichlorobenzene	11.30	146	8963	1.395	ug/L #	1
65) 1,2-Dichlorobenzene	11.67	146	39689	6.280	ug/L #	78
68) 1,2,4-trichlorobenzene	13.29	180	32056	7.303	ug/L #	64
70) 1,2,3-Trichlorobenzene	13.77	180	9326	2.157	ug/L #	86

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

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