

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018525.D
 Acq On : 29 Sep 2020 18:41
 Operator : SY/MD
 Sample : L4171-05ME
 Misc : 6.13g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y7ME

Quant Time: Sep 30 04:19:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:47:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	442827	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	433488	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	231401	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	111136	42.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.58%
7) Chloroethane-d5	1.58	69	84603	39.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.10	63	152714	28.86	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.72%#
21) 2-Butanone-d5	3.93	46	138232	71.36	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.36%
24) Chloroform-d	4.37	84	232684	41.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.86%
26) 1,2-Dichloroethane-d4	5.05	65	161096	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
32) Benzene-d6	5.07	84	495141	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
36) 1,2-Dichloropropane-d6	6.09	67	159834	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.36%
41) Toluene-d8	7.34	98	471095	45.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.22%
43) trans-1,3-Dichloropropene-	7.65	79	77879	43.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.90%
47) 2-Hexanone-d5	8.14	63	122304	97.06	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.06%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	198620	45.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	206694	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%

Target Compounds

					Ovalue
29) Cyclohexane	4.69	56	477440	96.569	ug/L 94
35) Methylcyclohexane	6.15	83	66879	13.409	ug/L 95
42) Toluene	7.41	91	56139	4.075	ug/L 100
52) Ethylbenzene	9.04	91	131755	8.563	ug/L 100
53) m,p-Xylene	9.16	106	250463	42.123	ug/L 98
54) o-xylene	9.57	106	58402	10.374	ug/L 99
56) Isopropylbenzene	9.95	105	94137	6.235	ug/L 99
63) 1,4-Dichlorobenzene	11.30	146	10879	1.411	ug/L # 71
65) 1,2-Dichlorobenzene	11.67	146	12319	1.663	ug/L # 85
68) 1,2,4-trichlorobenzene	13.29	180	8890	1.842	ug/L # 63

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

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