

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091019\
 Data File : VL034145.D
 Acq On : 10 Sep 2019 16:34
 Operator : SY/AP
 Sample : K4775-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 5:16:53 AM

Quant Time: Sep 11 21:38:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 0
 QLast Update : Thu Sep 05 10:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	771252	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	1553029	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	1539889	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1296721	10.30	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	658621	13.692	ppbv	87
10) Heptane	8.18	43	190662	1.527	ppbv	100
13) Ethanol	3.61	45	111042	11.784	ppbv	99
15) Acetone	3.85	43	7122822	76.629	ppbv #	63
17) tert-Butyl alcohol	4.31	59	212714	3.152	ppbv	95
19) Isopropyl Alcohol	3.98	45	356844	5.688	ppbv #	97
26) Hexane	5.72	57	244049	2.690	ppbv #	36
27) Carbon Disulfide	4.57	76	79683	0.973	ppbv	95
30) Cyclohexane	7.18	84	42476m	0.648	ppbv	
32) 1,1,1-Trichloroethane	6.56	97	31171	0.270	ppbv	98
34) 2-Butanone	5.27	43	1582310	10.598	ppbv	100
36) Benzene	6.94	78	126858	0.715	ppbv	99
44) 2,2,4-Trimethylpentane	7.92	57	121199	0.370	ppbv #	60
50) 4-Methyl-2-Pentanone	8.80	43	97900m	0.430	ppbv	
51) 2-Hexanone	10.20	43	562617	2.859	ppbv #	97
52) Tetrachloroethene	11.30	164	254576	4.067	ppbv	97
53) Toluene	9.87	91	526492	2.682	ppbv	98
58) Ethyl Benzene	12.79	91	171365	0.679	ppbv	89
59) m/p-Xylene	13.05	91	482521	2.343	ppbv	98
60) o-Xylene	13.77	91	184299	0.898	ppbv	98
64) n-propylbenzene	15.65	120	13413m	0.201	ppbv	
70) n-Butylbenzene	18.65	91	39008m	0.129	ppbv	
72) 4-Ethyltoluene	15.93	105	66603	0.288	ppbv	98
73) 1,3,5-Trimethylbenzene	16.09	105	53286m	0.237	ppbv	
74) 1,2,4-Trimethylbenzene	16.85	105	179916	0.777	ppbv #	68

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

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