

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091019\
 Data File : VL034142.D
 Acq On : 10 Sep 2019 14:37
 Operator : SY/AP
 Sample : K4775-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5DL

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 5:16:47 AM

Quant Time: Sep 11 21:37:23 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	5.70	49	887662	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	1730987	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	1726827	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1472147	10.43	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	331334	5.985	ppbv	94
10) Heptane	8.17	43	75235m	0.524	ppbv	
13) Ethanol	3.60	45	86096	7.939	ppbv	98
15) Acetone	3.85	43	7102612	66.391	ppbv #	64
17) tert-Butyl alcohol	4.30	59	195215	2.514	ppbv	98
19) Isopropyl Alcohol	3.97	45	320750	4.442	ppbv #	97
26) Hexane	5.72	57	204570	1.959	ppbv #	36
27) Carbon Disulfide	4.56	76	68520	0.727	ppbv #	92
29) Chloroform	5.80	83	27749m	0.197	ppbv	
30) Cyclohexane	7.18	84	22696m	0.301	ppbv	
34) 2-Butanone	5.27	43	1229454	7.388	ppbv	99
36) Benzene	6.94	78	99524	0.503	ppbv #	92
44) 2,2,4-Trimethylpentane	7.92	57	394206	1.081	ppbv	94
50) 4-Methyl-2-Pentanone	8.81	43	87308	0.344	ppbv	93
51) 2-Hexanone	10.20	43	341277	1.556	ppbv #	100
52) Tetrachloroethene	11.30	164	143621m	2.059	ppbv	
53) Toluene	9.87	91	355446	1.624	ppbv	98
58) Ethyl Benzene	12.79	91	107842	0.381	ppbv #	85
59) m/p-Xylene	13.05	91	340983m	1.476	ppbv	
60) o-Xylene	13.77	91	125456m	0.545	ppbv	
64) n-propylbenzene	15.64	120	10786m	0.144	ppbv	
70) n-Butylbenzene	18.65	91	35113m	0.104	ppbv	
72) 4-Ethyltoluene	15.92	105	59230	0.228	ppbv	98
73) 1,3,5-Trimethylbenzene	16.08	105	43318m	0.172	ppbv	
74) 1,2,4-Trimethylbenzene	16.85	105	168105m	0.647	ppbv	

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

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