

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091019\
 Data File : VL034151.D
 Acq On : 10 Sep 2019 20:29
 Operator : SY/AP
 Sample : K4775-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4DL

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 5:17:03 AM

Quant Time: Sep 11 21:40:50 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	684517	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	1342721	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	1314372	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.50	95	1096415	10.20	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	171154	4.009	ppbv	97
10) Heptane	8.18	43	31986	0.289	ppbv	100
13) Ethanol	3.60	45	53269	6.369	ppbv	96
15) Acetone	3.84	43	4702863	57.006	ppbv #	86
17) tert-Butyl alcohol	4.31	59	50423	0.842	ppbv	96
19) Isopropyl Alcohol	3.97	45	140893	2.530	ppbv #	97
26) Hexane	5.72	57	43998	0.546	ppbv #	34
30) Cyclohexane	7.17	84	9051m	0.155	ppbv	
32) 1,1,1-Trichloroethane	6.56	97	4995m	0.049	ppbv	
34) 2-Butanone	5.27	43	505626	3.917	ppbv	99
36) Benzene	6.94	78	42078	0.274	ppbv #	90
38) Trichloroethene	7.90	130	2499m	0.044	ppbv	
44) 2,2,4-Trimethylpentane	7.92	57	57427	0.203	ppbv #	79
51) 2-Hexanone	10.20	43	112874	0.663	ppbv #	100
52) Tetrachloroethene	11.30	164	47007m	0.869	ppbv	
53) Toluene	9.88	91	158635	0.935	ppbv	96
58) Ethyl Benzene	12.79	91	27611m	0.128	ppbv	
59) m/p-Xylene	13.04	91	70802m	0.403	ppbv	
60) o-Xylene	13.77	91	25961m	0.148	ppbv	
74) 1,2,4-Trimethylbenzene	16.85	105	28681m	0.145	ppbv	

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

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