

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032019\
 Data File : VL033407.D
 Acq On : 21 Mar 2019 2:18
 Operator : SY/AP
 Sample : K1976-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:26:38 AM

Quant Time: Mar 22 06:36:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 1
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	799640	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1977865	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1864171	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1389349	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	222109	5.421	ppbv	100
13) Ethanol	3.65	45	137027	7.016	ppbv	100
15) Acetone	3.91	43	355286	2.858	ppbv #	88
19) Isopropyl Alcohol	4.03	45	129435	2.189	ppbv #	95
20) Methylene Chloride	4.41	84	27235	0.672	ppbv	92
26) Hexane	5.78	57	69297	0.858	ppbv #	43
30) Cyclohexane	7.25	84	15858m	0.245	ppbv	
36) Benzene	7.00	78	434070	2.452	ppbv	98
44) 2,2,4-Trimethylpentane	7.99	57	82736m	0.282	ppbv	
52) Tetrachloroethene	11.37	164	14119m	0.191	ppbv	
53) Toluene	9.94	91	621458	3.090	ppbv	99
58) Ethyl Benzene	12.86	91	76659	0.291	ppbv #	87
59) m/p-Xylene	13.12	91	274849	1.213	ppbv #	100
60) o-Xylene	13.84	91	86667	0.392	ppbv	98
61) Styrene	13.69	104	20515m	0.133	ppbv	
73) 1,3,5-Trimethylbenzene	16.16	105	26271m	0.107	ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	91550	0.353	ppbv #	71

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

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