

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090518\
 Data File : VL032464.D
 Acq On : 5 Sep 2018 19:31
 Operator : SY/AP
 Sample : J4745-01 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-6

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 10:45:59 AM

Quant Time: Sep 06 06:58:35 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31

QLast Update : Fri Aug 31 21:33:46 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1648100	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3437162	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3433457	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2668150	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds

						Ovalue
9) Propene	3.07	41	1077892m	17.91	ppbv	
10) Heptane	8.29	43	450857	2.09	ppbv	96
11) Trichlorofluoromethane	4.04	101	20209	0.11	ppbv	97
13) Ethanol	3.68	45	529724	28.24	ppbv	96
15) Acetone	3.93	43	1230892	8.29	ppbv #	47
16) 1,3-Butadiene	3.38	39	99718m	1.43	ppbv	
17) tert-Butyl alcohol	4.39	59	612749	26.83	ppbv #	100
20) Methylene Chloride	4.45	84	43792	0.77	ppbv #	92
26) Hexane	5.82	57	733475	4.67	ppbv #	45
27) Carbon Disulfide	4.66	76	39035	0.27	ppbv #	82
34) 2-Butanone	5.37	43	972683	4.26	ppbv	100
36) Benzene	7.05	78	291983	1.00	ppbv #	93
41) Tetrahydrofuran	6.20	42	67165	0.54	ppbv #	91
44) 2,2,4-Trimethylpentane	8.04	57	197442	0.35	ppbv #	60
50) 4-Methyl-2-Pentanone	8.92	43	382875	1.11	ppbv	98
51) 2-Hexanone	10.32	43	658400	2.97	ppbv #	94
52) Tetrachloroethene	11.43	164	53686m	0.59	ppbv	
53) Toluene	10.00	91	710196	2.32	ppbv	100
58) Ethyl Benzene	12.92	91	198086	0.48	ppbv	99
59) m/p-Xylene	13.18	91	422286	1.15	ppbv	99
60) o-Xylene	13.90	91	166637	0.46	ppbv	99
69) p-Isopropyltoluene	17.87	119	139783	0.28	ppbv #	91
73) 1,3,5-Trimethylbenzene	16.21	105	106245	0.27	ppbv	87
74) 1,2,4-Trimethylbenzene	16.98	105	330544m	0.77	ppbv	

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

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