

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090518\
 Data File : VL032465.D
 Acq On : 5 Sep 2018 20:10
 Operator : SY/AP
 Sample : J4745-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-03DL

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 10:46:00 AM

Quant Time: Sep 06 06:55:15 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	1621520	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3323872	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3156330	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2404478	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds

						Ovalue
3) Chlorodifluoromethane	3.04	51	18054	0.12	ppbv	95
9) Propene	3.06	41	659959	11.15	ppbv	94
10) Heptane	8.30	43	44223	0.21	ppbv	96
11) Trichlorofluoromethane	4.04	101	110456	0.59	ppbv	91
13) Ethanol	3.68	45	73433	3.98	ppbv	89
15) Acetone	3.94	43	1028710	7.04	ppbv	96
16) 1,3-Butadiene	3.38	39	132376m	1.93	ppbv	
17) tert-Butyl alcohol	4.40	59	145005	6.45	ppbv #	100
26) Hexane	5.82	57	74363	0.48	ppbv #	40
27) Carbon Disulfide	4.66	76	24247	0.17	ppbv #	50
29) Chloroform	5.89	83	36737m	0.16	ppbv	
34) 2-Butanone	5.38	43	329000	1.49	ppbv	99
36) Benzene	7.05	78	136094	0.48	ppbv	95
50) 4-Methyl-2-Pentanone	8.94	43	59499m	0.18	ppbv	
52) Tetrachloroethene	11.42	164	127274m	1.45	ppbv	
53) Toluene	9.99	91	516196	1.75	ppbv	99
58) Ethyl Benzene	12.92	91	171596	0.45	ppbv	92
59) m/p-Xylene	13.17	91	607266m	1.80	ppbv	
60) o-Xylene	13.91	91	167411m	0.51	ppbv	
72) 4-Ethyltoluene	16.05	105	117869m	0.33	ppbv	
73) 1,3,5-Trimethylbenzene	16.21	105	61462	0.17	ppbv	94
74) 1,2,4-Trimethylbenzene	16.97	105	301214	0.76	ppbv #	70

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

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