

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090518\
 Data File : VL032475.D
 Acq On : 6 Sep 2018 3:50
 Operator : SY/AP
 Sample : J4745-02 4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-03

Manual Integrations
 APPROVED

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

Quant Time: Sep 07 08:56:03 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	1531690	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3064440	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3003299	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2295988	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds

						Ovalue
3) Chlorodifluoromethane	3.04	51	37206	0.27	ppbv	99
9) Propene	3.06	41	1351087	24.16	ppbv	95
10) Heptane	8.30	43	121485	0.61	ppbv	99
11) Trichlorofluoromethane	4.04	101	241188	1.37	ppbv	98
13) Ethanol	3.68	45	153207	8.79	ppbv	96
15) Acetone	3.93	43	2188071	15.86	ppbv	96
16) 1,3-Butadiene	3.38	39	260286m	4.01	ppbv	
17) tert-Butyl alcohol	4.40	59	346849	16.34	ppbv #	100
26) Hexane	5.82	57	176834	1.21	ppbv #	42
27) Carbon Disulfide	4.66	76	59146	0.44	ppbv	94
29) Chloroform	5.89	83	82112	0.37	ppbv	92
34) 2-Butanone	5.37	43	781949	3.84	ppbv	99
36) Benzene	7.05	78	295634	1.13	ppbv	98
38) Trichloroethene	8.01	130	10861m	0.11	ppbv	
41) Tetrahydrofuran	6.21	42	25952	0.23	ppbv	95
44) 2,2,4-Trimethylpentane	8.04	57	61893	0.12	ppbv #	13
50) 4-Methyl-2-Pentanone	8.92	43	135469m	0.44	ppbv	
51) 2-Hexanone	10.33	43	125249	0.63	ppbv #	94
52) Tetrachloroethene	11.42	164	294347	3.64	ppbv	93
53) Toluene	10.00	91	1248360	4.58	ppbv	100
58) Ethyl Benzene	12.92	91	465860	1.30	ppbv	94
59) m/p-Xylene	13.17	91	1473955	4.60	ppbv	99
60) o-Xylene	13.90	91	432650m	1.37	ppbv	
61) Styrene	13.73	104	31749	0.16	ppbv	95
70) n-Butylbenzene	18.77	91	110669	0.22	ppbv #	66
72) 4-Ethyltoluene	16.05	105	315468	0.92	ppbv	98
73) 1,3,5-Trimethylbenzene	16.20	105	170729m	0.50	ppbv	
74) 1,2,4-Trimethylbenzene	16.97	105	730523	1.94	ppbv #	69
79) Naphthalene	22.47	128	92453	0.30	ppbv #	94

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

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