

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090518\
 Data File : VL032471.D
 Acq On : 6 Sep 2018 1:12
 Operator : SY/AP
 Sample : J4805-03 4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-3

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 10:46:06 AM

Quant Time: Sep 06 16:04:32 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	1605925	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3136790	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3136284	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2420428	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds

						Ovalue
3) Chlorodifluoromethane	3.05	51	19509	0.13	ppbv	92
9) Propene	3.06	41	99709	1.70	ppbv	90
10) Heptane	8.30	43	55480	0.26	ppbv	95
11) Trichlorofluoromethane	4.04	101	18911	0.10	ppbv	98
13) Ethanol	3.68	45	255681	13.99	ppbv	98
15) Acetone	3.93	43	1777699	12.29	ppbv	90
17) tert-Butyl alcohol	4.40	59	174666	7.85	ppbv #	100
20) Methylene Chloride	4.45	84	23415	0.42	ppbv	90
26) Hexane	5.82	57	86878	0.57	ppbv #	49
27) Carbon Disulfide	4.66	76	92191	0.65	ppbv #	86
29) Chloroform	5.89	83	105503	0.45	ppbv	98
30) Cyclohexane	7.30	84	40796	0.36	ppbv #	89
32) 1,1,1-Trichloroethane	6.66	97	1247822	5.74	ppbv	97
34) 2-Butanone	5.36	43	2391762	11.48	ppbv	100
36) Benzene	7.05	78	96905	0.36	ppbv	94
38) Trichloroethene	8.01	130	2804607	27.66	ppbv	97
41) Tetrahydrofuran	6.20	42	76861	0.68	ppbv	97
51) 2-Hexanone	10.32	43	432039	2.14	ppbv	99
52) Tetrachloroethene	11.42	164	58389m	0.71	ppbv	
53) Toluene	9.99	91	210828	0.76	ppbv	100
58) Ethyl Benzene	12.91	91	46159	0.12	ppbv	94
59) m/p-Xylene	13.18	91	118620m	0.35	ppbv	
60) o-Xylene	13.89	91	49902m	0.15	ppbv	
74) 1,2,4-Trimethylbenzene	16.97	105	96564	0.25	ppbv #	68
79) Naphthalene	22.47	128	1168630	3.66	ppbv	99
80) Naphthalene, 2-methyl-	25.15	142	302564	3.56	ppbv	99

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

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