

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090518\
 Data File : VL032469.D
 Acq On : 5 Sep 2018 23:53
 Operator : SY/AP
 Sample : J4805-02 4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 10:46:03 AM

Quant Time: Sep 06 16:01:06 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	1620952	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3134295	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.29	117	3187859	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2454774	10.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.04	51	22704	0.15	ppbv	94
4) Chloromethane	3.20	50	56653	0.64	ppbv	96
7) Chloroethane	3.63	64	4533	0.15	ppbv #	83
9) Propene	3.06	41	1055285	17.83	ppbv	93
10) Heptane	8.29	43	85433	0.40	ppbv	98
13) Ethanol	3.68	45	511950	27.75	ppbv	98
15) Acetone	3.93	43	1311921	8.99	ppbv #	60
17) tert-Butyl alcohol	4.40	59	119608	5.32	ppbv #	100
20) Methylene Chloride	4.45	84	85949	1.54	ppbv	97
26) Hexane	5.82	57	232935	1.51	ppbv #	46
27) Carbon Disulfide	4.66	76	383608	2.69	ppbv	98
29) Chloroform	5.89	83	402824	1.71	ppbv	98
30) Cyclohexane	7.30	84	23247m	0.21	ppbv	
32) 1,1,1-Trichloroethane	6.67	97	117407m	0.54	ppbv	
34) 2-Butanone	5.36	43	5010966	24.07	ppbv	100
36) Benzene	7.05	78	177825	0.67	ppbv	97
38) Trichloroethene	8.01	130	1008274	9.95	ppbv	99
41) Tetrahydrofuran	6.20	42	42665	0.38	ppbv	93
51) 2-Hexanone	10.31	43	846263	4.19	ppbv #	98
52) Tetrachloroethene	11.42	164	26177m	0.32	ppbv	
53) Toluene	9.99	91	300175	1.08	ppbv	100
58) Ethyl Benzene	12.92	91	56143	0.15	ppbv	89
59) m/p-Xylene	13.18	91	133008m	0.39	ppbv	
60) o-Xylene	13.90	91	54082m	0.16	ppbv	
74) 1,2,4-Trimethylbenzene	16.97	105	79919m	0.20	ppbv	
79) Naphthalene	22.47	128	1650180	5.08	ppbv	98
80) Naphthalene,2-methyl-	25.15	142	580482	6.72	ppbv	99

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

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