

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
 Data File : VL031865.D
 Acq On : 12 Apr 2018 13:40
 Operator : SY/AP
 Sample : J2191-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GAC-EFF-DUP-040218

Manual Integrations
 APPROVED

MMDadoda
 4/15/2018 3:06:53 PM

Quant Time: Apr 14 02:09:02 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 2018
 QLast Update : Fri Apr 13 16:50:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.89	49	1115765	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.43	114	2285202	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2178682	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.73	95	1748525	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.16	85	332980	1.447	ppbv	98
3) Chlorodifluoromethane	3.09	51	35858m	0.276	ppbv	
4) Chloromethane	3.26	50	24314m	0.367	ppbv	
5) Vinyl Chloride	3.38	62	12789m	0.171	ppbv	
7) Chloroethane	3.70	64	7705	0.259	ppbv #	72
9) Propene	3.13	41	153337m	3.417	ppbv	
11) Trichlorofluoromethane	4.11	101	484612	2.148	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.67	101	42081m	0.287	ppbv	
13) Ethanol	3.75	45	1368683	89.876	ppbv	100
15) Acetone	4.01	43	608385	3.543	ppbv #	86
20) Methylene Chloride	4.52	84	2169335	34.684	ppbv	94
24) 1,1-Dichloroethane	5.21	63	399861	2.305	ppbv	99
26) Hexane	5.91	57	218840	1.752	ppbv #	48
29) Chloroform	5.98	83	136759	0.646	ppbv	92
30) Cyclohexane	7.39	84	29466m	0.330	ppbv	
31) cis-1,2-Dichloroethene	5.76	61	215589	1.906	ppbv	95
32) 1,1,1-Trichloroethane	6.76	97	854738	4.146	ppbv	99
35) Carbon Tetrachloride	7.28	117	16070	0.081	ppbv #	77
38) Trichloroethene	8.10	130	1691102	20.268	ppbv	94

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

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