

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
 Data File : VL031862.D
 Acq On : 12 Apr 2018 11:39
 Operator : SY/AP
 Sample : J2191-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GAC-EFF-040218

Manual Integrations
 APPROVED

MMDadoda
 4/15/2018 3:06:39 PM

Quant Time: Apr 14 02:02:23 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 16:50:02 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	1155096	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.43	114	2412511	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2195650	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.73	95	1734604	9.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.16	85	642022	2.695 ppbv	97
3) Chlorodifluoromethane	3.10	51	31082m	0.231 ppbv	
4) Chloromethane	3.26	50	23188	0.338 ppbv #	85
5) Vinyl Chloride	3.39	62	12747	0.165 ppbv #	74
7) Chloroethane	3.70	64	9742	0.316 ppbv #	88
9) Propene	3.14	41	182215m	3.923 ppbv	
11) Trichlorofluoromethane	4.11	101	517191	2.214 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.67	101	42168	0.278 ppbv	99
13) Ethanol	3.75	45	1283749	81.429 ppbv	99
15) Acetone	4.02	43	329258m	1.852 ppbv	
20) Methylene Chloride	4.52	84	252095	3.893 ppbv	90
24) 1,1-Dichloroethane	5.21	63	441945	2.461 ppbv	98
26) Hexane	5.91	57	52575	0.407 ppbv #	66
29) Chloroform	5.97	83	144605	0.660 ppbv	97
30) Cyclohexane	7.40	84	31432m	0.340 ppbv	
31) cis-1,2-Dichloroethene	5.77	61	231669	1.978 ppbv	99
32) 1,1,1-Trichloroethane	6.75	97	931250	4.363 ppbv	99
35) Carbon Tetrachloride	7.27	117	14556m	0.069 ppbv	
38) Trichloroethene	8.10	130	1613214	18.315 ppbv	96

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

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