

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
 Data File : VL031863.D
 Acq On : 12 Apr 2018 12:20
 Operator : SY/AP
 Sample : J2191-07DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GAC-EFF-040218DUP

Manual Integrations
 APPROVED

MMDadoda
 4/15/2018 3:06:44 PM

Quant Time: Apr 14 02:00:37 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	1135685	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.43	114	2377672	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2141245	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.72	95	1719347	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.17	85	284793	1.216	ppbv	96
3) Chlorodifluoromethane	3.10	51	32105m	0.243	ppbv	
4) Chloromethane	3.27	50	20603m	0.306	ppbv	
5) Vinyl Chloride	3.39	62	10855	0.143	ppbv	97
7) Chloroethane	3.70	64	7364	0.243	ppbv #	76
9) Propene	3.14	41	138950m	3.043	ppbv	
11) Trichlorofluoromethane	4.11	101	500888	2.181	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.67	101	40906	0.274	ppbv	98
13) Ethanol	3.76	45	1368190	88.268	ppbv	99
15) Acetone	4.03	43	317859	1.819	ppbv #	79
20) Methylene Chloride	4.52	84	273983	4.304	ppbv	94
24) 1,1-Dichloroethane	5.21	63	416655	2.360	ppbv	98
26) Hexane	5.91	57	50635	0.398	ppbv #	60
29) Chloroform	5.97	83	137885	0.640	ppbv	98
30) Cyclohexane	7.40	84	30049m	0.331	ppbv	
31) cis-1,2-Dichloroethene	5.76	61	214399	1.862	ppbv	98
32) 1,1,1-Trichloroethane	6.75	97	891201	4.247	ppbv	100
35) Carbon Tetrachloride	7.26	117	13829m	0.067	ppbv	
38) Trichloroethene	8.10	130	1544316	17.789	ppbv	98

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

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