

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
 Data File : VL031229.D
 Acq On : 14 Dec 2017 13:13
 Operator : SY/AP
 Sample : I6808-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-UNIT-4

Manual Integrations
 APPROVED

MMDadoda
 12/15/2017 4:07:09 PM

Quant Time: Dec 15 06:31:22 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1389785	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	3279314	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	2555292	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.75	95	2301792	12.66	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	126.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	39473	0.34	ppbv	99
3) Chlorodifluoromethane	3.12	51	160634m	1.02	ppbv	
4) Chloromethane	3.28	50	44935	0.53	ppbv	94
9) Propene	3.15	41	55567m	0.72	ppbv	
10) Heptane	8.40	43	24098m	0.10	ppbv	
11) Trichlorofluoromethane	4.13	101	56340	0.29	ppbv	91
13) Ethanol	3.77	45	321524	14.37	ppbv	100
15) Acetone	4.03	43	920487	5.02	ppbv	100
19) Isopropyl Alcohol	4.16	45	168498	1.45	ppbv #	1
20) Methylene Chloride	4.54	84	89430	1.47	ppbv	94
26) Hexane	5.93	57	418271	2.35	ppbv #	44
34) 2-Butanone	5.48	43	55783	0.24	ppbv	97
35) Carbon Tetrachloride	7.29	117	18467m	0.08	ppbv	
36) Benzene	7.16	78	96928	0.28	ppbv #	93
44) 2,2,4-Trimethylpentane	8.16	57	44747m	0.09	ppbv	
53) Toluene	10.12	91	168677m	0.45	ppbv	
58) Ethyl Benzene	13.03	91	39682	0.09	ppbv	93
59) m/p-Xylene	13.29	91	88292m	0.26	ppbv	
60) o-Xylene	14.02	91	36032	0.11	ppbv	94
61) Styrene	13.85	104	10211m	0.10	ppbv	
74) 1,2,4-Trimethylbenzene	17.10	105	66579	0.19	ppbv #	73

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

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