

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
 Data File : VL031227.D
 Acq On : 14 Dec 2017 11:52
 Operator : SY/AP
 Sample : I6808-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-UNIT-3

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 06:23:22 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	1420306	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	3336669	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	2688372	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.75	95	2407394	12.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	125.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	78356	0.65	ppbv	97
3) Chlorodifluoromethane	3.12	51	168325m	1.04	ppbv	
4) Chloromethane	3.28	50	44567	0.51	ppbv #	84
9) Propene	3.15	41	64462m	0.81	ppbv	
11) Trichlorofluoromethane	4.13	101	51998	0.26	ppbv	96
13) Ethanol	3.77	45	307095	13.43	ppbv	98
15) Acetone	4.03	43	974202	5.20	ppbv	99
19) Isopropyl Alcohol	4.16	45	163218	1.38	ppbv #	1
20) Methylene Chloride	4.54	84	81044	1.31	ppbv	98
26) Hexane	5.93	57	513209	2.83	ppbv #	45
34) 2-Butanone	5.49	43	47337	0.20	ppbv	95
35) Carbon Tetrachloride	7.30	117	16384m	0.07	ppbv	
36) Benzene	7.16	78	96593	0.27	ppbv	97
44) 2,2,4-Trimethylpentane	8.15	57	45081	0.08	ppbv #	79
53) Toluene	10.12	91	193801	0.51	ppbv	97
58) Ethyl Benzene	13.03	91	39780	0.09	ppbv	94
59) m/p-Xylene	13.29	91	102203m	0.29	ppbv	
60) o-Xylene	14.02	91	41219m	0.12	ppbv	
61) Styrene	13.86	104	9543m	0.09	ppbv	
73) 1,3,5-Trimethylbenzene	16.32	105	39259m	0.11	ppbv	
74) 1,2,4-Trimethylbenzene	17.09	105	94889	0.26	ppbv #	79
79) Naphthalene	22.61	128	32315m	0.11	ppbv	

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

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