

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
 Data File : VL031230.D
 Acq On : 14 Dec 2017 13:54
 Operator : SY/AP
 Sample : I6907-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MID

Manual Integrations
 APPROVED

MMDadoda
 12/15/2017 4:07:11 PM

Quant Time: Dec 15 06:34:39 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	1417579	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	3489685	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	3084733	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	2495519	11.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	113.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	48535	0.41	ppbv	94
3) Chlorodifluoromethane	3.12	51	42529m	0.26	ppbv	
4) Chloromethane	3.28	50	10847	0.12	ppbv	92
7) Chloroethane	3.72	64	147608	4.43	ppbv	95
9) Propene	3.15	41	250068m	3.16	ppbv	
10) Heptane	8.41	43	39004m	0.16	ppbv	
11) Trichlorofluoromethane	4.13	101	260760	1.32	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.69	101	1023586	7.42	ppbv	98
13) Ethanol	3.77	45	316625	13.88	ppbv	98
15) Acetone	4.04	43	656701	3.51	ppbv #	86
18) 1,1-Dichloroethene	4.48	96	375083	6.07	ppbv	91
19) Isopropyl Alcohol	4.16	45	91285	0.77	ppbv #	1
20) Methylene Chloride	4.54	84	63398	1.02	ppbv	98
22) trans-1,2-Dichloroethene	5.11	96	25570	0.34	ppbv	94
24) 1,1-Dichloroethane	5.23	63	5376527	24.56	ppbv	99
26) Hexane	5.93	57	106846	0.59	ppbv #	45
29) Chloroform	6.00	83	28517	0.12	ppbv	88
31) cis-1,2-Dichloroethene	5.79	61	25847	0.16	ppbv	95
32) 1,1,1-Trichloroethane	6.78	97	17454710	66.70	ppbv #	86
34) 2-Butanone	5.49	43	43361	0.18	ppbv	97
35) Carbon Tetrachloride	7.30	117	11054	0.04	ppbv #	96
36) Benzene	7.17	78	73847	0.20	ppbv	97
38) Trichloroethene	8.13	130	26945	0.19	ppbv	85
44) 2,2,4-Trimethylpentane	8.15	57	247373	0.44	ppbv	93
52) Tetrachloroethene	11.54	164	9883m	0.07	ppbv	
53) Toluene	10.12	91	228901	0.57	ppbv	99
58) Ethyl Benzene	13.03	91	41074	0.08	ppbv	99
59) m/p-Xylene	13.29	91	104066m	0.26	ppbv	
74) 1,2,4-Trimethylbenzene	17.10	105	48761	0.12	ppbv #	81

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

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