

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL122017\
 Data File : VL031275.D
 Acq On : 20 Dec 2017 18:06
 Operator : SY/AP
 Sample : I7005-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP1-SV-1

Manual Integrations
 APPROVED

MMDadoda
 12/22/2017 4:54:51 PM

Quant Time: Dec 22 04:33:57 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	1605025	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.46	114	3674684	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	3672610	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.75	95	2854283	10.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.18	85	65039	0.48	ppbv	97
3) Chlorodifluoromethane	3.12	51	31256	0.17	ppbv	98
4) Chloromethane	3.28	50	66182	0.67	ppbv	90
9) Propene	3.14	41	560955	6.26	ppbv	100
10) Heptane	8.40	43	68892m	0.25	ppbv	
11) Trichlorofluoromethane	4.13	101	199381	0.89	ppbv	97
13) Ethanol	3.77	45	221837	8.59	ppbv	98
15) Acetone	4.02	43	2857722	13.49	ppbv #	58
17) tert-Butyl alcohol	4.50	59	198348	1.67	ppbv	96
20) Methylene Chloride	4.54	84	40786	0.58	ppbv	95
26) Hexane	5.93	57	137526	0.67	ppbv #	5
32) 1,1,1-Trichloroethane	6.78	97	11703	0.04	ppbv	91
34) 2-Butanone	5.47	43	8436307	32.51	ppbv	98
36) Benzene	7.17	78	150529	0.39	ppbv	98
41) Tetrahydrofuran	6.31	42	26033m	0.18	ppbv	
44) 2,2,4-Trimethylpentane	8.16	57	69039	0.12	ppbv #	67
51) 2-Hexanone	10.44	43	848487	2.80	ppbv #	97
52) Tetrachloroethene	11.55	164	903729	6.29	ppbv	95
53) Toluene	10.12	91	8327459	19.71	ppbv	99
58) Ethyl Benzene	13.04	91	499376	0.82	ppbv	96
59) m/p-Xylene	13.29	91	1248533	2.57	ppbv	97
60) o-Xylene	14.02	91	458279	0.94	ppbv	99
61) Styrene	13.85	104	53403m	0.38	ppbv	
72) 4-Ethyltoluene	16.17	105	64323	0.12	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.33	105	62235m	0.13	ppbv	
74) 1,2,4-Trimethylbenzene	17.09	105	156873m	0.31	ppbv	

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

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