

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL020916\
 Data File : VL026849.D
 Acq On : 10 Feb 2016 10:54
 Operator : SY/AP
 Sample : H1385-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KBD-T402-EFF-AIR

Manual Integrations
 APPROVED

MMDadoda
 2/11/2016 1:25:06 PM

Quant Time: Feb 11 02:52:50 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL020916AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 03:14:04 2016
 QLast Update : Wed Feb 10 03:14:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.69	49	1417680	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.36	114	4232294	10.00	ppbv	-0.02
55) Chlorobenzene-d5	13.79	117	3094010	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.33	95	2536495	11.42	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	114.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.67	85	121093	0.40	ppbv	96
3) Chlorodifluoromethane	3.59	51	657340	2.86	ppbv	98
4) Chloromethane	3.78	50	49449	0.54	ppbv	100
9) Propene	3.64	41	333734m	5.37	ppbv	
11) Trichlorofluoromethane	4.73	101	98144	0.27	ppbv	91
13) Ethanol	4.35	45	120112	11.24	ppbv	98
15) Acetone	4.62	43	3711974	19.06	ppbv	98
17) tert-Butyl alcohol	5.15	59	5053420	39.30	ppbv	99
20) Methylene Chloride	5.18	84	907679	8.99	ppbv	93
26) Hexane	6.70	57	703148	4.27	ppbv #	51
27) Carbon Disulfide	5.42	76	605912	2.14	ppbv	98
28) Methyl tert-Butyl Ether	5.98	73	8781263	34.12	ppbv	96
29) Chloroform	6.78	83	42983	0.17	ppbv	98
34) 2-Butanone	6.23	43	517059	2.49	ppbv	93
35) Carbon Tetrachloride	8.20	117	22012	0.07	ppbv	90
36) Benzene	8.06	78	107950	0.32	ppbv #	95
50) 4-Methyl-2-Pentanone	10.14	43	33351	0.14	ppbv	96
52) Tetrachloroethene	12.83	164	74523	0.56	ppbv	94
53) Toluene	11.27	91	738528	1.95	ppbv	99
61) Styrene	15.35	104	135380	1.15	ppbv	98
62) Isopropylbenzene	16.59	105	154109	0.37	ppbv	97
64) n-propylbenzene	17.56	120	54400	0.51	ppbv	80
65) tert-Butylbenzene	18.85	119	43001	0.11	ppbv #	95
67) sec-Butylbenzene	19.45	105	255943	0.51	ppbv	99
70) n-Butylbenzene	20.79	91	65659	0.17	ppbv #	73
74) 1,2,4-Trimethylbenzene	18.87	105	44684	0.13	ppbv #	84

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

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