

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL020916\
 Data File : VL026839.D
 Acq On : 10 Feb 2016 4:13
 Operator : SY/AP
 Sample : H1388-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-1DUP

Manual Integrations
 APPROVED

MMDadoda
 2/11/2016 1:23:46 PM

Quant Time: Feb 10 08:52:34 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL020916AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 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	6.70	49	1280468	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.37	114	3388912	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.79	117	1663799	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.33	95	1468466	12.29	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	122.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.67	85	204678	0.74	ppbv	96
3) Chlorodifluoromethane	3.60	51	845793m	4.07	ppbv	
4) Chloromethane	3.78	50	59558	0.73	ppbv	95
9) Propene	3.64	41	190176	3.39	ppbv #	72
10) Heptane	9.39	43	67399	0.37	ppbv	92
11) Trichlorofluoromethane	4.73	101	141883	0.43	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	5.34	101	38575	0.17	ppbv	99
13) Ethanol	4.37	45	6545478	678.13	ppbv	98
15) Acetone	4.63	43	17556702	99.80	ppbv #	66
19) Isopropyl Alcohol	4.81	45	4276354	68.14	ppbv #	92
20) Methylene Chloride	5.20	84	60687	0.67	ppbv	97
25) Ethyl Acetate	6.71	43	596049	2.26	ppbv #	93
29) Chloroform	6.80	83	32267	0.14	ppbv	95
30) Cyclohexane	8.33	84	32985m	0.27	ppbv	
34) 2-Butanone	6.25	43	98730	0.59	ppbv	98
35) Carbon Tetrachloride	8.21	117	28775	0.12	ppbv	93
36) Benzene	8.07	78	193418	0.72	ppbv	99
38) Trichloroethene	9.12	130	6879	0.06	ppbv #	83
43) Methyl Methacrylate	9.32	69	68939	0.73	ppbv	94
52) Tetrachloroethene	12.84	164	117174	1.11	ppbv	97
53) Toluene	11.28	91	1375438	4.55	ppbv	99
58) Ethyl Benzene	14.46	91	85728	0.43	ppbv	94
59) m/p-Xylene	14.74	91	178152	1.04	ppbv	100
60) o-Xylene	15.54	91	60676	0.32	ppbv	100
61) Styrene	15.36	104	15662	0.25	ppbv	99
72) 4-Ethyltoluene	17.87	105	31494	0.18	ppbv #	95
73) 1,3,5-Trimethylbenzene	18.04	105	26747	0.16	ppbv	93
74) 1,2,4-Trimethylbenzene	18.88	105	85677	0.45	ppbv #	69
79) Naphthalene	23.99	128	13933	0.15	ppbv #	94

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

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