

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102015\
 Data File : VL026227.D
 Acq On : 21 Oct 2015 4:58
 Operator : SY/MD
 Sample : G4112-03DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INDOOR-239DUP

Manual Integrations
 APPROVED

MMDadoda
 10/22/2015 4:32:59 PM

Quant Time: Oct 21 17:06:05 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102015AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 21 17:06:05 2015
 QLast Update : Wed Oct 21 01:20:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.62	49	532360	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.30	114	1563106	10.00	ppbv	-0.01
55) Chlorobenzene-d5	13.71	117	1864600	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.25	95	1470569	10.23	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.62	85	78886	0.72	ppbv	99
3) Chlorodifluoromethane	3.56	51	209236m	3.10	ppbv	
4) Chloromethane	3.73	50	16943	0.47	ppbv	99
9) Propene	3.81	41	30265	0.96	ppbv	84
10) Heptane	9.32	43	18180	0.17	ppbv	88
11) Trichlorofluoromethane	4.68	101	61075	0.56	ppbv	98
13) Ethanol	4.31	45	178699	37.76	ppbv	97
15) Acetone	4.59	43	366517	4.68	ppbv	94
19) Isopropyl Alcohol	4.76	45	28599	0.93	ppbv #	27
20) Methylene Chloride	5.13	84	111945	3.58	ppbv	98
25) Ethyl Acetate	6.66	43	59487	0.40	ppbv #	97
30) Cyclohexane	8.26	84	8083	0.11	ppbv #	1
34) 2-Butanone	6.19	43	31612	0.36	ppbv	95
35) Carbon Tetrachloride	8.13	117	8417	0.07	ppbv	91
36) Benzene	7.99	78	45704	0.29	ppbv	98
38) Trichloroethene	9.04	130	51526	0.67	ppbv	98
41) Tetrahydrofuran	7.13	42	5030	0.10	ppbv #	71
44) 2,2,4-Trimethylpentane	9.06	57	38462	0.15	ppbv #	86
50) 4-Methyl-2-Pentanone	10.10	43	16386m	0.14	ppbv	
52) Tetrachloroethene	12.77	164	5074945	55.59	ppbv	98
53) Toluene	11.20	91	304920	1.41	ppbv	98
58) Ethyl Benzene	14.38	91	37102	0.12	ppbv	99
59) m/p-Xylene	14.66	91	93355	0.39	ppbv	99
60) o-Xylene	15.46	91	38171	0.15	ppbv	98
72) 4-Ethyltoluene	17.79	105	30746	0.11	ppbv #	94
74) 1,2,4-Trimethylbenzene	18.79	105	70699	0.25	ppbv #	74

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

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