

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
 Data File : VL026201.D
 Acq On : 10 Oct 2015 7:35
 Operator : SY/MD
 Sample : G3925-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:18:06 PM

Quant Time: Oct 12 11:13:15 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL100915AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Oct 0
 QLast Update : Fri Oct 09 16:23:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.63	49	520457	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.31	114	1616116	10.00	ppbv	-0.02
55) Chlorobenzene-d5	13.72	117	1789131	10.00	ppbv	-0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	16.27	95	1368653	9.97	ppbv	-0.04	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.64	85	31343	0.32	ppbv	95
4) Chloromethane	3.74	50	13432	0.39	ppbv	96
9) Propene	3.60	41	21414	0.77	ppbv #	77
10) Heptane	9.34	43	25782	0.27	ppbv	96
11) Trichlorofluoromethane	4.68	101	54198	0.57	ppbv	100
13) Ethanol	4.31	45	269907	65.75	ppbv	93
15) Acetone	4.59	43	1106620	16.45	ppbv	98
17) tert-Butyl alcohol	5.13	59	26290	0.65	ppbv #	94
19) Isopropyl Alcohol	4.75	45	117631	4.49	ppbv #	94
20) Methylene Chloride	5.14	84	10689	0.37	ppbv #	85
26) Hexane	6.64	57	21777m	0.35	ppbv	
27) Carbon Disulfide	5.38	76	16634	0.22	ppbv #	60
29) Chloroform	6.73	83	106317	1.14	ppbv	99
34) 2-Butanone	6.20	43	63840	0.71	ppbv	96
35) Carbon Tetrachloride	8.15	117	8824	0.09	ppbv #	81
36) Benzene	8.01	78	22500	0.15	ppbv #	91
50) 4-Methyl-2-Pentanone	10.08	43	15541	0.13	ppbv #	81
51) 2-Hexanone	11.60	43	12700	0.12	ppbv #	90
52) Tetrachloroethene	12.77	164	18927	0.25	ppbv	91
53) Toluene	11.22	91	385617	1.94	ppbv	99
58) Ethyl Benzene	14.39	91	44845	0.17	ppbv	96
59) m/p-Xylene	14.67	91	146807	0.70	ppbv	98
60) o-Xylene	15.46	91	57426	0.26	ppbv	99
61) Styrene	15.29	104	17485	0.20	ppbv	99
62) Isopropylbenzene	16.52	105	10994	0.04	ppbv	95
64) n-propylbenzene	17.50	120	8636	0.11	ppbv	100
69) p-Isopropyltoluene	19.77	119	74816	0.26	ppbv #	84
72) 4-Ethyltoluene	17.80	105	48308	0.21	ppbv	96
73) 1,3,5-Trimethylbenzene	17.97	105	82767	0.38	ppbv	100
74) 1,2,4-Trimethylbenzene	18.81	105	289827	1.26	ppbv #	70
76) 1,4-Dichlorobenzene	19.25	146	43496	0.29	ppbv	95
79) Naphthalene	23.92	128	564292	3.91	ppbv	99

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

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