

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025754.D
 Acq On : 27 Jul 2015 15:30
 Operator : SY/MD
 Sample : G3097-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PR1

Manual Integrations
 APPROVED

MMDadoda
 7/28/2015 12:56:44 PM

Quant Time: Jul 28 11:12:46 2015

Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08

QLast Update : Wed Jul 08 02:22:55 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.67	49	568511	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	8.34	114	1461613	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.76	117	1824196	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.30	95	1554601	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.64	85	14218	0.10	ppbv	100
3) Chlorodifluoromethane	3.57	51	54544m	0.68	ppbv	
4) Chloromethane	3.75	50	55000	1.50	ppbv	94
7) Chloroethane	4.24	64	3537	0.19	ppbv #	83
9) Propene	3.60	41	97388	3.66	ppbv	92
10) Heptane	9.35	43	190564	1.84	ppbv	94
11) Trichlorofluoromethane	4.69	101	21544	0.11	ppbv	96
13) Ethanol	4.35	45	92212	22.28	ppbv	99
15) Acetone	4.59	43	6169488	61.43	ppbv #	88
17) tert-Butyl alcohol	5.15	59	440517	5.23	ppbv	99
19) Isopropyl Alcohol	4.77	45	248601	6.20	ppbv #	96
20) Methylene Chloride	5.16	84	76118	1.87	ppbv	93
25) Ethyl Acetate	6.67	43	242310	1.59	ppbv #	92
26) Hexane	6.66	57	102165m	1.43	ppbv	
27) Carbon Disulfide	5.39	76	38460	0.33	ppbv #	90
29) Chloroform	6.76	83	26129	0.18	ppbv	88
30) Cyclohexane	8.29	84	24715	0.36	ppbv #	11
34) 2-Butanone	6.20	43	661904	7.98	ppbv	100
35) Carbon Tetrachloride	8.17	117	22949	0.15	ppbv	95
36) Benzene	8.02	78	176036	1.26	ppbv	96
37) 1,2-Dichloroethane	7.38	62	36124	0.30	ppbv #	96
38) Trichloroethene	9.07	130	41000	0.63	ppbv	94
41) Tetrahydrofuran	7.12	42	168955	4.08	ppbv	93
44) 2,2,4-Trimethylpentane	9.09	57	199958	0.83	ppbv	89
50) 4-Methyl-2-Pentanone	10.10	43	134132	1.12	ppbv	93
52) Tetrachloroethene	12.79	164	51968	0.74	ppbv	88
53) Toluene	11.24	91	3090744	15.71	ppbv	99
58) Ethyl Benzene	14.43	91	919352	3.05	ppbv	100
59) m/p-Xylene	14.71	91	2524282	9.53	ppbv	99
60) o-Xylene	15.51	91	1003432	3.52	ppbv	100
61) Styrene	15.32	104	889863	8.91	ppbv	99
62) Isopropylbenzene	16.56	105	927444	2.49	ppbv	99
64) n-propylbenzene	17.54	120	145582	1.44	ppbv	93
67) sec-Butylbenzene	19.43	105	68131	0.13	ppbv	98
69) p-Isopropyltoluene	19.80	119	562930	1.33	ppbv #	90
72) 4-Ethyltoluene	17.83	105	836614	2.65	ppbv	96
73) 1,3,5-Trimethylbenzene	18.00	105	617160	1.99	ppbv	99
74) 1,2,4-Trimethylbenzene	18.85	105	1896618	5.47	ppbv #	68
76) 1,4-Dichlorobenzene	19.28	146	81503	0.36	ppbv #	59
79) Naphthalene	23.94	128	438936	1.31	ppbv #	96
80) Naphthalene,2-methyl-	26.05	142	23603	0.24	ppbv #	77

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

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