

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025756.D
 Acq On : 27 Jul 2015 16:51
 Operator : SY/MD
 Sample : G3092-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-221-B

Manual Integrations
 APPROVED

MMDadoda
 7/28/2015 12:56:52 PM

Quant Time: Jul 28 11:17:30 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	6.65	49	849134	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	2190239	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.79	117	2498276	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.32	95	1845809	8.76	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	87.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.64	85	52339	0.24	ppbv	97
3) Chlorodifluoromethane	3.57	51	135638m	1.13	ppbv	
4) Chloromethane	3.75	50	28052	0.51	ppbv	94
9) Propene	3.60	41	273457m	6.88	ppbv	
10) Heptane	9.35	43	44613	0.29	ppbv	100
11) Trichlorofluoromethane	4.69	101	56517	0.20	ppbv	94
13) Ethanol	4.32	45	463521	74.99	ppbv	98
15) Acetone	4.60	43	1102164	7.35	ppbv	99
17) tert-Butyl alcohol	5.14	59	29259	0.23	ppbv	95
19) Isopropyl Alcohol	4.75	45	400242	6.68	ppbv #	1
20) Methylene Chloride	5.15	84	417273	6.85	ppbv	97
25) Ethyl Acetate	6.66	43	135253	0.60	ppbv #	85
26) Hexane	6.66	57	169797	1.59	ppbv #	51
27) Carbon Disulfide	5.40	76	20348	0.12	ppbv #	53
29) Chloroform	6.74	83	24065	0.11	ppbv	91
30) Cyclohexane	8.28	84	53098	0.52	ppbv #	33
34) 2-Butanone	6.21	43	73813	0.59	ppbv	96
35) Carbon Tetrachloride	8.16	117	14469	0.06	ppbv #	93
36) Benzene	8.02	78	68781	0.33	ppbv	94
38) Trichloroethene	9.07	130	73111	0.75	ppbv	94
41) Tetrahydrofuran	7.14	42	20358	0.33	ppbv #	87
44) 2,2,4-Trimethylpentane	9.09	57	153934	0.43	ppbv #	75
50) 4-Methyl-2-Pentanone	10.09	43	564746	3.15	ppbv	99
52) Tetrachloroethene	12.91	164	46313207	440.21	ppbv	87
53) Toluene	11.24	91	342550	1.16	ppbv	99
58) Ethyl Benzene	14.46	91	128674	0.31	ppbv	96
59) m/p-Xylene	14.73	91	328351	0.91	ppbv	98
60) o-Xylene	15.53	91	223812	0.57	ppbv	100
61) Styrene	15.35	104	13313	0.10	ppbv	92
62) Isopropylbenzene	16.57	105	62851	0.12	ppbv	99
64) n-propylbenzene	17.54	120	94217	0.68	ppbv	93
72) 4-Ethyltoluene	17.84	105	593321	1.37	ppbv	94
73) 1,3,5-Trimethylbenzene	18.00	105	422512	1.00	ppbv	96
74) 1,2,4-Trimethylbenzene	18.85	105	1452693	3.06	ppbv #	68
79) Naphthalene	23.94	128	98421	0.21	ppbv	95

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

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