

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025757.D
 Acq On : 27 Jul 2015 17:33
 Operator : SY/MD
 Sample : G3092-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-221-BDUP

Manual Integrations
 APPROVED

MMDadoda
 7/28/2015 12:56:59 PM

Quant Time: Jul 28 11:18:20 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 2015
 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	880616	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.33	114	2265880	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.80	117	2628949	10.00	ppbv	0.05

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.32	95	1975344	8.91	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.64	85	60823	0.27	ppbv	91
3) Chlorodifluoromethane	3.57	51	114215m	0.92	ppbv	
4) Chloromethane	3.75	50	29008	0.51	ppbv	98
9) Propene	3.60	41	285151m	6.92	ppbv	
10) Heptane	9.35	43	46515	0.29	ppbv	96
11) Trichlorofluoromethane	4.70	101	59646	0.20	ppbv	96
13) Ethanol	4.32	45	302252	47.15	ppbv	97
15) Acetone	4.60	43	1135089	7.30	ppbv	99
17) tert-Butyl alcohol	5.15	59	24093	0.18	ppbv	95
19) Isopropyl Alcohol	4.76	45	305229	4.92	ppbv #	1
20) Methylene Chloride	5.15	84	433018	6.85	ppbv	99
25) Ethyl Acetate	6.67	43	146185	0.62	ppbv #	85
26) Hexane	6.66	57	179909	1.62	ppbv #	51
27) Carbon Disulfide	5.39	76	21526	0.12	ppbv #	62
29) Chloroform	6.75	83	26876	0.12	ppbv	93
30) Cyclohexane	8.29	84	56395	0.53	ppbv #	36
34) 2-Butanone	6.21	43	79918	0.62	ppbv	97
35) Carbon Tetrachloride	8.16	117	14225	0.06	ppbv	87
36) Benzene	8.02	78	68032	0.31	ppbv	97
38) Trichloroethene	9.07	130	79166	0.78	ppbv	93
41) Tetrahydrofuran	7.15	42	22298	0.35	ppbv #	84
44) 2,2,4-Trimethylpentane	9.09	57	160477	0.43	ppbv #	77
50) 4-Methyl-2-Pentanone	10.10	43	583145	3.15	ppbv	99
52) Tetrachloroethene	12.92	164	47766587	438.87	ppbv	87
53) Toluene	11.24	91	355177	1.16	ppbv	100
58) Ethyl Benzene	14.46	91	142654	0.33	ppbv	97
59) m/p-Xylene	14.74	91	341872	0.90	ppbv	98
60) o-Xylene	15.53	91	236061	0.57	ppbv	99
61) Styrene	15.36	104	13980m	0.10	ppbv	
62) Isopropylbenzene	16.57	105	63929	0.12	ppbv	100
64) n-propylbenzene	17.55	120	99342	0.68	ppbv	94
72) 4-Ethyltoluene	17.84	105	592487	1.30	ppbv	98
73) 1,3,5-Trimethylbenzene	18.01	105	436058	0.98	ppbv	99
74) 1,2,4-Trimethylbenzene	18.85	105	1452995	2.91	ppbv #	68
79) Naphthalene	23.94	128	91878	0.19	ppbv	98

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

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