

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025763.D
 Acq On : 27 Jul 2015 21:38
 Operator : SY/MD
 Sample : G3100-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

MMDadoda
 7/28/2015 12:57:25 PM

Quant Time: Jul 28 11:29:56 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	651702	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	1758243	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.74	117	2125394	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	1859062	10.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.64	85	53271	0.32	ppbv	97
3) Chlorodifluoromethane	3.56	51	120119m	1.31	ppbv	
4) Chloromethane	3.75	50	33900	0.81	ppbv	92
9) Propene	3.60	41	47891m	1.57	ppbv	
10) Heptane	9.35	43	255233	2.15	ppbv #	71
11) Trichlorofluoromethane	4.69	101	43629	0.20	ppbv	92
13) Ethanol	4.32	45	1651864	348.19	ppbv	97
17) tert-Butyl alcohol	5.14	59	44881	0.46	ppbv	98
19) Isopropyl Alcohol	4.75	45	1512986	32.92	ppbv #	99
20) Methylene Chloride	5.14	84	87406	1.87	ppbv	93
26) Hexane	6.65	57	47395m	0.58	ppbv	
27) Carbon Disulfide	5.38	76	17454	0.13	ppbv #	47
29) Chloroform	6.74	83	1139981	7.04	ppbv	98
30) Cyclohexane	8.28	84	86011	1.10	ppbv #	64
34) 2-Butanone	6.19	43	438901	4.40	ppbv	99
35) Carbon Tetrachloride	8.16	117	18590	0.10	ppbv	88
36) Benzene	8.02	78	50988	0.30	ppbv	95
37) 1,2-Dichloroethane	7.37	62	66864	0.47	ppbv	99
38) Trichloroethene	9.06	130	2529m	0.03	ppbv	
39) 1,2-Dichloropropane	8.82	63	9687	0.16	ppbv	93
41) Tetrahydrofuran	7.13	42	30083	0.60	ppbv	89
42) Bromodichloromethane	9.02	83	28773	0.17	ppbv #	93
43) Methyl Methacrylate	9.26	69	22985	0.36	ppbv	92
44) 2,2,4-Trimethylpentane	9.08	57	114020	0.39	ppbv #	79
50) 4-Methyl-2-Pentanone	10.09	43	43171	0.30	ppbv	89
52) Tetrachloroethene	12.79	164	268716	3.18	ppbv	96
53) Toluene	11.24	91	7958891	33.63	ppbv	95
58) Ethyl Benzene	14.41	91	255631	0.73	ppbv	96
59) m/p-Xylene	14.69	91	557985	1.81	ppbv	97
60) o-Xylene	15.49	91	239491	0.72	ppbv	99
61) Styrene	15.30	104	148028	1.27	ppbv	99
62) Isopropylbenzene	16.55	105	49347	0.11	ppbv	99
64) n-propylbenzene	17.52	120	34163	0.29	ppbv	89
69) p-Isopropyltoluene	19.78	119	1203376	2.44	ppbv	97
72) 4-Ethyltoluene	17.82	105	212183	0.58	ppbv	96
73) 1,3,5-Trimethylbenzene	17.98	105	211414	0.59	ppbv	99
74) 1,2,4-Trimethylbenzene	18.83	105	590712	1.46	ppbv #	69
76) 1,4-Dichlorobenzene	19.27	146	323838	1.23	ppbv	96
79) Naphthalene	23.92	128	93833	0.24	ppbv	98

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

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