

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
 Data File : VL026191.D
 Acq On : 10 Oct 2015 00:55
 Operator : SY/MD
 Sample : G3973-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4

Manual Integrations
 APPROVED

MMdadoda
 10/12/2015 1:24:42 PM

Quant Time: Oct 12 02:29:19 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	6.66	49	308839	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.34	114	1054787	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.76	117	1035282	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.29	95	808636	10.18	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.64	85	37684	0.65	ppbv	92
3) Chlorodifluoromethane	3.57	51	78341m	2.17	ppbv	
4) Chloromethane	3.75	50	3362	0.17	ppbv #	84
9) Propene	3.61	41	12975	0.78	ppbv #	72
10) Heptane	9.36	43	35604	0.62	ppbv	97
11) Trichlorofluoromethane	4.70	101	18843	0.33	ppbv	93
12) 1,1,2-Trichlorotrifluoroet	5.31	101	3985	0.10	ppbv	97
13) Ethanol	4.34	45	107191	44.00	ppbv	88
15) Acetone	4.60	43	727232	18.22	ppbv #	87
17) tert-Butyl alcohol	5.15	59	16268	0.68	ppbv #	88
19) Isopropyl Alcohol	4.77	45	108550	6.98	ppbv #	94
20) Methylene Chloride	5.15	84	25432	1.50	ppbv	87
25) Ethyl Acetate	6.68	43	292512	3.79	ppbv #	89
27) Carbon Disulfide	5.40	76	97630	2.18	ppbv	99
29) Chloroform	6.76	83	31100	0.56	ppbv	96
30) Cyclohexane	8.29	84	62899	1.77	ppbv	86
34) 2-Butanone	6.21	43	58527	1.00	ppbv	96
35) Carbon Tetrachloride	8.17	117	3455m	0.05	ppbv	
36) Benzene	8.02	78	32161	0.32	ppbv	94
37) 1,2-Dichloroethane	7.37	62	5547	0.10	ppbv #	78
38) Trichloroethene	9.07	130	3139	0.07	ppbv #	85
41) Tetrahydrofuran	7.14	42	19650m	0.59	ppbv	
44) 2,2,4-Trimethylpentane	9.09	57	26299	0.16	ppbv #	65
50) 4-Methyl-2-Pentanone	10.09	43	222454	2.87	ppbv	99
52) Tetrachloroethene	12.80	164	27292	0.55	ppbv	95
53) Toluene	11.24	91	641897	4.94	ppbv	99
58) Ethyl Benzene	14.42	91	275090	1.83	ppbv	92
59) m/p-Xylene	14.69	91	1071743	8.88	ppbv	95
60) o-Xylene	15.50	91	315851	2.50	ppbv	95
61) Styrene	15.32	104	235656	4.56	ppbv	95
62) Isopropylbenzene	16.55	105	23575	0.14	ppbv	92
64) n-propylbenzene	17.52	120	10456	0.23	ppbv	98
69) p-Isopropyltoluene	19.80	119	52385	0.32	ppbv #	85
70) n-Butylbenzene	20.77	91	15386	0.10	ppbv #	46
72) 4-Ethyltoluene	17.83	105	59900	0.44	ppbv #	98
73) 1,3,5-Trimethylbenzene	17.99	105	55248	0.44	ppbv	94
74) 1,2,4-Trimethylbenzene	18.84	105	201145	1.51	ppbv #	68
79) Naphthalene	23.94	128	56554	0.68	ppbv	96
80) Naphthalene,2-methyl-	26.06	142	2534	0.14	ppbv #	95

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

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