

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
 Data File : VL026194.D
 Acq On : 10 Oct 2015 2:57
 Operator : SY/MD
 Sample : G3925-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:17:56 PM

Quant Time: Oct 12 11:02:49 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	271510	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.33	114	913571	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.74	117	861353	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	672258	10.17	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.64	85	12019	0.24	ppbv	99
3) Chlorodifluoromethane	3.57	51	54290m	1.71	ppbv	
4) Chloromethane	3.76	50	8866	0.50	ppbv	97
9) Propene	3.61	41	30386	2.09	ppbv #	66
10) Heptane	9.35	43	250362	4.95	ppbv	98
11) Trichlorofluoromethane	4.70	101	19404	0.39	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	5.31	101	4148	0.12	ppbv	94
13) Ethanol	4.34	45	20112	9.39	ppbv	85
15) Acetone	4.59	43	2062970	58.78	ppbv	99
17) tert-Butyl alcohol	5.16	59	4331	0.20	ppbv #	71
19) Isopropyl Alcohol	4.78	45	16302	1.19	ppbv #	94
20) Methylene Chloride	5.15	84	9869	0.66	ppbv #	86
27) Carbon Disulfide	5.39	76	23207	0.59	ppbv #	73
29) Chloroform	6.75	83	18083	0.37	ppbv	95
30) Cyclohexane	8.29	84	5045	0.16	ppbv #	1
34) 2-Butanone	6.21	43	27526	0.54	ppbv	97
35) Carbon Tetrachloride	8.17	117	6547	0.11	ppbv	92
36) Benzene	8.02	78	15535	0.18	ppbv	97
38) Trichloroethene	9.07	130	3178	0.08	ppbv	96
41) Tetrahydrofuran	7.15	42	7642m	0.27	ppbv	
50) 4-Methyl-2-Pentanone	10.10	43	39927	0.59	ppbv	95
52) Tetrachloroethene	12.79	164	37501	0.87	ppbv	98
53) Toluene	11.24	91	1133326	10.07	ppbv	99
58) Ethyl Benzene	14.41	91	59091	0.47	ppbv	91
59) m/p-Xylene	14.69	91	160303	1.60	ppbv	93
60) o-Xylene	15.49	91	59580	0.57	ppbv	96
61) Styrene	15.31	104	60674	1.41	ppbv	96
64) n-propylbenzene	17.52	120	6183	0.17	ppbv	96
69) p-Isopropyltoluene	19.79	119	48664	0.36	ppbv #	77
70) n-Butylbenzene	20.76	91	24424	0.19	ppbv #	53
72) 4-Ethyltoluene	17.82	105	36895	0.33	ppbv #	96
73) 1,3,5-Trimethylbenzene	17.98	105	35259	0.33	ppbv	95
74) 1,2,4-Trimethylbenzene	18.83	105	134983	1.22	ppbv #	72
79) Naphthalene	23.94	128	59803	0.86	ppbv	97
80) Naphthalene,2-methyl-	26.04	142	5643	0.36	ppbv	94

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

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