

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
 Data File : VL026199.D
 Acq On : 10 Oct 2015 6:15
 Operator : SY/MD
 Sample : G3973-02DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DUP

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:18:04 PM

Quant Time: Oct 12 11:07:57 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	6.64	49	470475	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.32	114	1506702	10.00	ppbv	-0.02
55) Chlorobenzene-d5	13.73	117	1505524	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.27	95	1226167	10.61	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.64	85	27244	0.31	ppbv	97
3) Chlorodifluoromethane	3.57	51	106760m	1.94	ppbv	
4) Chloromethane	3.75	50	15357	0.50	ppbv	99
7) Chloroethane	4.24	64	15352	1.13	ppbv	99
9) Propene	3.60	41	75668m	3.00	ppbv	
10) Heptane	9.35	43	162141	1.85	ppbv	96
11) Trichlorofluoromethane	4.69	101	25071	0.29	ppbv	98
13) Ethanol	4.32	45	240435	64.79	ppbv	93
15) Acetone	4.59	43	1182799	19.45	ppbv #	87
17) tert-Butyl alcohol	5.14	59	78417	2.14	ppbv	100
19) Isopropyl Alcohol	4.75	45	194682	8.22	ppbv #	1
20) Methylene Chloride	5.15	84	37270	1.44	ppbv	96
26) Hexane	6.65	57	260146	4.57	ppbv #	49
27) Carbon Disulfide	5.39	76	236754	3.47	ppbv	97
30) Cyclohexane	8.27	84	95340	1.76	ppbv #	72
34) 2-Butanone	6.20	43	108143	1.29	ppbv	93
35) Carbon Tetrachloride	8.15	117	8433	0.09	ppbv #	83
36) Benzene	8.01	78	240294	1.67	ppbv	99
44) 2,2,4-Trimethylpentane	9.07	57	913009	3.81	ppbv #	88
50) 4-Methyl-2-Pentanone	10.09	43	111447	1.00	ppbv	94
52) Tetrachloroethene	12.78	164	4317	0.06	ppbv #	81
53) Toluene	11.23	91	1226523	6.60	ppbv	100
58) Ethyl Benzene	14.40	91	303856	1.39	ppbv	99
59) m/p-Xylene	14.68	91	811294	4.62	ppbv	100
60) o-Xylene	15.47	91	284394	1.55	ppbv	98
61) Styrene	15.30	104	96044	1.28	ppbv	99
62) Isopropylbenzene	16.53	105	40984	0.17	ppbv	99
64) n-propylbenzene	17.50	120	21683	0.33	ppbv	98
72) 4-Ethyltoluene	17.81	105	110910	0.57	ppbv	98
73) 1,3,5-Trimethylbenzene	17.97	105	86130	0.47	ppbv	99
74) 1,2,4-Trimethylbenzene	18.82	105	268844	1.39	ppbv #	72
79) Naphthalene	23.92	128	66650	0.55	ppbv	99

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

