

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL100915\
 Data File : VL026187.D
 Acq On : 9 Oct 2015 22:16
 Operator : SY/MD
 Sample : G3973-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:17:51 PM

Quant Time: Oct 12 10:41:15 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	6.67	49	794011	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.34	114	2309219	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.76	117	2421246	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.30	95	1808103	9.73	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.65	85	69598	0.47	ppbv	100
3) Chlorodifluoromethane	3.57	51	132053m	1.42	ppbv	
4) Chloromethane	3.76	50	26797	0.51	ppbv	96
7) Chloroethane	4.25	64	24127	1.05	ppbv	96
9) Propene	3.60	41	135544	3.18	ppbv #	82
10) Heptane	9.37	43	268968	1.82	ppbv	97
11) Trichlorofluoromethane	4.70	101	33598	0.23	ppbv	97
13) Ethanol	4.33	45	658201	105.09	ppbv	92
15) Acetone	4.60	43	1742118	16.97	ppbv #	89
17) tert-Butyl alcohol	5.15	59	104055	1.68	ppbv	94
19) Isopropyl Alcohol	4.77	45	340043	8.51	ppbv #	1
20) Methylene Chloride	5.16	84	56050	1.28	ppbv	97
26) Hexane	6.67	57	410915	4.28	ppbv #	51
27) Carbon Disulfide	5.40	76	345342	3.00	ppbv	98
30) Cyclohexane	8.29	84	147488	1.61	ppbv #	79
34) 2-Butanone	6.21	43	172743	1.34	ppbv	97
35) Carbon Tetrachloride	8.17	117	10129	0.07	ppbv	97
36) Benzene	8.04	78	375961	1.70	ppbv	98
44) 2,2,4-Trimethylpentane	9.10	57	1463618	3.99	ppbv #	89
50) 4-Methyl-2-Pentanone	10.12	43	163780	0.96	ppbv	96
52) Tetrachloroethene	12.81	164	5945	0.05	ppbv	97
53) Toluene	11.25	91	1876275	6.59	ppbv	99
58) Ethyl Benzene	14.43	91	449982	1.28	ppbv	98
59) m/p-Xylene	14.70	91	1184205	4.20	ppbv	98
60) o-Xylene	15.50	91	410349	1.39	ppbv	99
61) Styrene	15.32	104	134234	1.11	ppbv	99
62) Isopropylbenzene	16.56	105	41478	0.11	ppbv	97
64) n-propylbenzene	17.53	120	26410	0.25	ppbv	92
72) 4-Ethyltoluene	17.83	105	135717	0.43	ppbv	98
73) 1,3,5-Trimethylbenzene	18.00	105	104912	0.35	ppbv	99
74) 1,2,4-Trimethylbenzene	18.84	105	357713	1.15	ppbv #	70
79) Naphthalene	23.95	128	74570	0.38	ppbv	97

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

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