

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL073115\
 Data File : VL025814.D
 Acq On : 31 Jul 2015 15:48
 Operator : SY/MD
 Sample : G3144-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 INFLUENT

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 12:25:40 PM

Quant Time: Aug 04 11:53:34 2015

Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 0

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	6.68	49	570763	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	8.36	114	1538955	10.00	ppbv	0.03
55) Chlorobenzene-d5	13.98	117	2069315	10.00	ppbv	0.23

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.43	95	1826560	10.46	ppbv	0.13
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.65	85	17864	0.12	ppbv	96
3) Chlorodifluoromethane	3.56	51	95488m	1.19	ppbv	
4) Chloromethane	3.76	50	12094	0.33	ppbv	89
9) Propene	3.61	41	37836	1.42	ppbv	89
10) Heptane	9.39	43	63726	0.61	ppbv #	25
11) Trichlorofluoromethane	4.70	101	49840	0.26	ppbv	93
13) Ethanol	4.34	45	62167	14.96	ppbv	92
15) Acetone	4.62	43	1228883	12.19	ppbv	94
17) tert-Butyl alcohol	5.16	59	16735	0.20	ppbv #	69
18) 1,1-Dichloroethene	5.10	96	3825	0.09	ppbv #	59
19) Isopropyl Alcohol	4.77	45	104774	2.60	ppbv #	96
20) Methylene Chloride	5.16	84	209487	5.11	ppbv	96
22) trans-1,2-Dichloroethene	5.78	96	83894	1.95	ppbv	97
27) Carbon Disulfide	5.40	76	17536	0.15	ppbv #	53
29) Chloroform	6.77	83	33550	0.24	ppbv	99
31) cis-1,2-Dichloroethene	6.54	61	12715116	178.09	ppbv #	57
32) 1,1,1-Trichloroethane	7.63	97	175810	1.14	ppbv	97
34) 2-Butanone	6.23	43	1583405	18.13	ppbv	100
35) Carbon Tetrachloride	8.20	117	11199	0.07	ppbv	90
36) Benzene	8.06	78	35484	0.24	ppbv	94
38) Trichloroethene	9.12	130	19405563	283.17	ppbv	89
41) Tetrahydrofuran	7.15	42	2035317	46.69	ppbv	98
50) 4-Methyl-2-Pentanone	10.13	43	75491	0.60	ppbv	96
52) Tetrachloroethene	13.25	164	140065961m	1894.75	ppbv	
53) Toluene	11.28	91	1059476m	5.11	ppbv	
57) Chlorobenzene	14.04	112	168624m	0.77	ppbv	
58) Ethyl Benzene	14.61	91	298049	0.87	ppbv	94
59) m/p-Xylene	14.88	91	1233444	4.11	ppbv	98
60) o-Xylene	15.66	91	543070	1.68	ppbv	100
61) Styrene	15.48	104	75145	0.66	ppbv	97
62) Isopropylbenzene	16.68	105	51530	0.12	ppbv	98
64) n-propylbenzene	17.63	120	43338	0.38	ppbv	72
72) 4-Ethyltoluene	17.92	105	348737m	0.98	ppbv	
73) 1,3,5-Trimethylbenzene	18.08	105	322997m	0.92	ppbv	
74) 1,2,4-Trimethylbenzene	18.91	105	995858	2.53	ppbv #	68
75) 1,3-Dichlorobenzene	19.21	146	28783m	0.11	ppbv	
76) 1,4-Dichlorobenzene	19.35	146	546935	2.13	ppbv	98
79) Naphthalene	23.96	128	148553	0.39	ppbv	97
80) Naphthalene,2-methyl-	26.06	142	36259m	0.33	ppbv	

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

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