

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL011216\
 Data File : VL026672.D
 Acq On : 12 Jan 2016 13:24
 Operator : SY/AP
 Sample : H1064-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-01DUP

Manual Integrations
 APPROVED

apatel
 1/13/2016 12:09:50 PM

Quant Time: Jan 13 14:38:35 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL010816AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 13 2016
 QLast Update : Mon Jan 11 17:14:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.68	49	813781	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	8.35	114	2469778	10.00	ppbv	0.04
55) Chlorobenzene-d5	13.77	117	3014019	10.00	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.32	95	2403822	10.01	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.66	85	108403	0.50	ppbv	100
3) Chlorodifluoromethane	3.59	51	196619m	1.81	ppbv	
4) Chloromethane	3.77	50	26850	0.51	ppbv	98
9) Propene	3.62	41	1311793m	33.68	ppbv	
10) Heptane	9.38	43	958071	6.60	ppbv	99
11) Trichlorofluoromethane	4.72	101	53432	0.24	ppbv	86
13) Ethanol	4.35	45	123212	16.65	ppbv	98
15) Acetone	4.62	43	3822002	28.55	ppbv	92
20) Methylene Chloride	5.18	84	47841	0.87	ppbv	97
26) Hexane	6.68	57	352126	3.30	ppbv #	52
30) Cyclohexane	8.31	84	104117	0.99	ppbv #	68
34) 2-Butanone	6.23	43	149903	1.14	ppbv	93
35) Carbon Tetrachloride	8.19	117	15699	0.07	ppbv	92
36) Benzene	8.05	78	867518	3.41	ppbv	100
38) Trichloroethene	9.09	130	354685	3.13	ppbv	97
44) 2,2,4-Trimethylpentane	9.12	57	604915	1.47	ppbv #	76
50) 4-Methyl-2-Pentanone	10.13	43	186748	1.01	ppbv	95
52) Tetrachloroethene	12.82	164	42698	0.34	ppbv	96
53) Toluene	11.27	91	2914499	8.14	ppbv	100
58) Ethyl Benzene	14.44	91	1083887	2.01	ppbv	99
59) m/p-Xylene	14.72	91	3257492	7.34	ppbv	100
60) o-Xylene	15.52	91	1378330	2.87	ppbv	99
61) Styrene	15.35	104	123631	0.66	ppbv	99
62) Isopropylbenzene	16.58	105	156157	0.25	ppbv	99
64) n-propylbenzene	17.55	120	137902	0.81	ppbv	94
67) sec-Butylbenzene	19.44	105	210613	0.24	ppbv	99
70) n-Butylbenzene	20.79	91	518447	0.75	ppbv #	51
72) 4-Ethyltoluene	17.85	105	762505	1.42	ppbv	98
73) 1,3,5-Trimethylbenzene	18.02	105	736893	1.45	ppbv	97
74) 1,2,4-Trimethylbenzene	18.86	105	2780030	5.15	ppbv #	78
79) Naphthalene	23.96	128	314558	0.86	ppbv	97
80) Naphthalene,2-methyl-	26.08	142	17646	0.31	ppbv #	30

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

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