

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL011216\
 Data File : VL026671.D
 Acq On : 12 Jan 2016 12:43
 Operator : SY/AP
 Sample : H1064-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-01

Manual Integrations
 APPROVED

apatel
 1/13/2016 11:53:23 AM

Quant Time: Jan 13 11:51:39 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	761943	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	8.35	114	2386553	10.00	ppbv	0.04
55) Chlorobenzene-d5	13.77	117	3019268	10.00	ppbv	0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.32	95	2379802	9.89	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.66	85	96934	0.48	ppbv	100
3) Chlorodifluoromethane	3.59	51	171040m	1.69	ppbv	
4) Chloromethane	3.77	50	24453	0.49	ppbv #	85
9) Propene	3.62	41	1171276m	32.11	ppbv	
10) Heptane	9.38	43	852498	6.27	ppbv	97
11) Trichlorofluoromethane	4.71	101	54060	0.26	ppbv	97
13) Ethanol	4.35	45	90035	12.99	ppbv	99
15) Acetone	4.62	43	3516411	28.06	ppbv	92
20) Methylene Chloride	5.17	84	40302	0.78	ppbv #	84
26) Hexane	6.68	57	314117	3.14	ppbv #	52
30) Cyclohexane	8.31	84	100779	1.02	ppbv #	70
34) 2-Butanone	6.23	43	128299	1.01	ppbv	94
35) Carbon Tetrachloride	8.19	117	15732	0.07	ppbv	93
36) Benzene	8.04	78	816883	3.33	ppbv	99
38) Trichloroethene	9.09	130	334422	3.05	ppbv	95
44) 2,2,4-Trimethylpentane	9.11	57	535441	1.35	ppbv #	73
50) 4-Methyl-2-Pentanone	10.13	43	152517	0.85	ppbv	100
52) Tetrachloroethene	12.82	164	39809	0.32	ppbv	97
53) Toluene	11.26	91	2752746	7.95	ppbv	99
58) Ethyl Benzene	14.44	91	1029343	1.91	ppbv	97
59) m/p-Xylene	14.71	91	3088895	6.95	ppbv	98
60) o-Xylene	15.52	91	1297504	2.70	ppbv	96
61) Styrene	15.33	104	107847	0.57	ppbv	97
62) Isopropylbenzene	16.57	105	145441	0.23	ppbv	98
64) n-propylbenzene	17.55	120	131450	0.77	ppbv	93
67) sec-Butylbenzene	19.44	105	208075	0.24	ppbv	100
70) n-Butylbenzene	20.79	91	476409	0.69	ppbv #	48
72) 4-Ethyltoluene	17.85	105	734927	1.37	ppbv	99
73) 1,3,5-Trimethylbenzene	18.02	105	696846	1.37	ppbv	94
74) 1,2,4-Trimethylbenzene	18.86	105	2669501	4.94	ppbv #	77
79) Naphthalene	23.96	128	299747	0.82	ppbv	95

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

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