

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL011216\
 Data File : VL026679.D
 Acq On : 12 Jan 2016 17:55
 Operator : SY/AP
 Sample : H1064-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1

Manual Integrations
 APPROVED

apatel
 1/13/2016 12:56:04 PM

Quant Time: Jan 13 06:25:31 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	775862	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	8.36	114	2404842	10.00	ppbv	0.05
55) Chlorobenzene-d5	13.79	117	3116877	10.00	ppbv	0.06

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.33	95	2502318	10.07	ppbv	0.06
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.67	85	114615	0.56	ppbv	96
3) Chlorodifluoromethane	3.59	51	113543	1.10	ppbv	97
9) Propene	3.64	41	560274m	15.09	ppbv	
10) Heptane	9.39	43	810464	5.86	ppbv	97
11) Trichlorofluoromethane	4.73	101	50552	0.24	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	5.34	101	10015	0.08	ppbv	99
13) Ethanol	4.36	45	52563	7.45	ppbv	91
15) Acetone	4.63	43	1257077	9.85	ppbv	95
20) Methylene Chloride	5.18	84	1115408	21.30	ppbv	98
26) Hexane	6.69	57	171575	1.68	ppbv #	46
27) Carbon Disulfide	5.42	76	81020	0.54	ppbv #	82
30) Cyclohexane	8.32	84	46700	0.46	ppbv #	38
34) 2-Butanone	6.24	43	111713	0.87	ppbv	95
35) Carbon Tetrachloride	8.19	117	12973	0.06	ppbv	91
36) Benzene	8.06	78	515338	2.08	ppbv	97
38) Trichloroethene	9.10	130	36499	0.33	ppbv #	81
44) 2,2,4-Trimethylpentane	9.12	57	299306	0.75	ppbv #	69
52) Tetrachloroethene	12.83	164	18756	0.15	ppbv #	89
53) Toluene	11.27	91	2128298	6.10	ppbv	100
58) Ethyl Benzene	14.45	91	4492798	8.07	ppbv	98
59) m/p-Xylene	14.74	91	14510407	31.62	ppbv	100
60) o-Xylene	15.53	91	6614940	13.34	ppbv	98
61) Styrene	15.36	104	87351	0.45	ppbv	98
62) Isopropylbenzene	16.58	105	136810	0.21	ppbv	97
64) n-propylbenzene	17.56	120	75739	0.43	ppbv	91
67) sec-Butylbenzene	19.45	105	75134	0.08	ppbv	96
72) 4-Ethyltoluene	17.86	105	427812	0.77	ppbv	97
73) 1,3,5-Trimethylbenzene	18.03	105	369602	0.70	ppbv	94
74) 1,2,4-Trimethylbenzene	18.87	105	1391610	2.49	ppbv #	76
79) Naphthalene	23.97	128	70545m	0.19	ppbv	

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

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