

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121118\
 Data File : VL032964.D
 Acq On : 11 Dec 2018 21:19
 Operator : SY/AP
 Sample : J6264-14
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A55G3

Manual Integrations
 APPROVED

MMDadoda
 12/13/2018 7:58:45 AM

Quant Time: Dec 12 16:13:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1367555	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3537728	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3397293	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2557510	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	47341	0.259	ppbv	96
3) Chlorodifluoromethane	3.01	51	32513m	0.314	ppbv	
4) Chloromethane	3.17	50	40422	0.670	ppbv	96
9) Propene	3.04	41	319968m	7.813	ppbv	
10) Heptane	8.25	43	1370333	8.908	ppbv	100
11) Trichlorofluoromethane	4.01	101	1193612	6.939	ppbv	100
13) Ethanol	3.66	45	998378	70.805	ppbv	95
15) Acetone	3.90	43	15853686	135.062	ppbv #	83
17) tert-Butyl alcohol	4.37	59	166971	5.587	ppbv #	98
19) Isopropyl Alcohol	4.04	45	828792	11.243	ppbv #	95
20) Methylene Chloride	4.42	84	214281	3.735	ppbv #	92
26) Hexane	5.79	57	1797936	14.044	ppbv #	44
27) Carbon Disulfide	4.62	76	686413	4.288	ppbv	100
30) Cyclohexane	7.25	84	314201	2.961	ppbv	85
34) 2-Butanone	5.33	43	2424836	15.736	ppbv	99
36) Benzene	7.01	78	2782212	10.692	ppbv	97
38) Trichloroethene	7.97	130	9198m	0.085	ppbv	
40) 1,4-Dioxane	7.96	88	457478m	12.586	ppbv	
44) 2,2,4-Trimethylpentane	8.00	57	2078199	4.705	ppbv	93
50) 4-Methyl-2-Pentanone	8.88	43	195548	0.794	ppbv	99
52) Tetrachloroethene	11.38	164	9710m	0.103	ppbv	
53) Toluene	9.95	91	6353090	23.021	ppbv	98
58) Ethyl Benzene	12.87	91	819701	2.262	ppbv	99
59) m/p-Xylene	13.13	91	1377516	4.192	ppbv #	100
60) o-Xylene	13.86	91	450474m	1.358	ppbv	
61) Styrene	13.70	104	255328m	1.157	ppbv	
62) Isopropylbenzene	14.84	105	15424034	33.317	ppbv	94
74) 1,2,4-Trimethylbenzene	16.94	105	144980	0.355	ppbv #	71

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

