

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051419\
 Data File : VL033691.D
 Acq On : 14 May 2019 14:59
 Operator : SY/AP
 Sample : K2730-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS01

Manual Integrations
 APPROVED

MMDadoda
 5/16/2019 5:41:04 AM

Quant Time: May 15 22:21:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon May 0
 QLast Update : Mon May 06 15:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	910849	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2254898	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2361268	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2164784	11.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	61787	0.289	ppbv	93
3) Chlorodifluoromethane	3.01	51	38821	0.295	ppbv	94
4) Chloromethane	3.17	50	18411	0.269	ppbv	98
9) Propene	3.04	41	1146200m	22.856	ppbv	
10) Heptane	8.25	43	357023	2.885	ppbv	94
11) Trichlorofluoromethane	4.00	101	38317	0.192	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.55	101	34578	0.258	ppbv	98
13) Ethanol	3.70	45	1083651	71.993	ppbv	98
15) Acetone	3.90	43	19181556	141.555	ppbv #	72
17) tert-Butyl alcohol	4.41	59	158232	1.537	ppbv #	72
19) Isopropyl Alcohol	4.07	45	1380583	16.584	ppbv #	93
20) Methylene Chloride	4.42	84	133242	2.590	ppbv	97
26) Hexane	5.78	57	466095	4.919	ppbv #	39
27) Carbon Disulfide	4.62	76	820454	6.330	ppbv	99
29) Chloroform	5.86	83	18402m	0.108	ppbv	
30) Cyclohexane	7.25	84	633646	7.962	ppbv	95
32) 1,1,1-Trichloroethane	6.62	97	12978m	0.074	ppbv	
34) 2-Butanone	5.33	43	1749036	12.113	ppbv	99
36) Benzene	7.01	78	509795	2.521	ppbv	99
41) Tetrahydrofuran	6.14	42	100053	1.341	ppbv #	48
52) Tetrachloroethene	11.37	164	15537m	0.217	ppbv	
53) Toluene	9.95	91	989269	4.528	ppbv	100
58) Ethyl Benzene	12.87	91	391789	1.272	ppbv	99
59) m/p-Xylene	13.12	91	1475128	5.439	ppbv	99
60) o-Xylene	13.85	91	821519	2.993	ppbv	99
62) Isopropylbenzene	14.82	105	163912	0.437	ppbv	99
67) sec-Butylbenzene	17.46	105	156127	0.325	ppbv	100
69) p-Isopropyltoluene	17.82	119	184867m	0.468	ppbv	
70) n-Butylbenzene	18.72	91	273193m	0.652	ppbv	
72) 4-Ethyltoluene	16.00	105	268986	0.834	ppbv #	88
73) 1,3,5-Trimethylbenzene	16.16	105	1187546	3.807	ppbv	99
74) 1,2,4-Trimethylbenzene	16.93	105	3017148	8.701	ppbv #	77
79) Naphthalene	22.41	128	475369m	1.502	ppbv	
80) Naphthalene,2-methyl-	25.11	142	51865m	0.433	ppbv	

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

