

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034434.D
 Acq On : 2 Dec 2019 20:08
 Operator : SY/AP
 Sample : K6068-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4

Manual Integrations
 APPROVED

apatel
 12/4/2019 4:47:12 PM

Quant Time: Dec 03 11:27:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	896715	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	1816589	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.16	117	1746869	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1532301	10.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	104199	0.642	ppbv	95
3) Chlorodifluoromethane	2.96	51	57006m	0.510	ppbv	
4) Chloromethane	3.12	50	27200	0.412	ppbv	98
9) Propene	2.99	41	415770	8.370	ppbv	83
10) Heptane	8.18	43	66432	0.518	ppbv	92
11) Trichlorofluoromethane	3.95	101	37931	0.235	ppbv	100
13) Ethanol	3.60	45	189390	13.688	ppbv	100
15) Acetone	3.84	43	6063429	47.221	ppbv #	86
17) tert-Butyl alcohol	4.31	59	196344m	1.819	ppbv	
19) Isopropyl Alcohol	3.97	45	443744	5.391	ppbv #	96
20) Methylene Chloride	4.35	84	50630	1.112	ppbv	91
22) trans-1,2-Dichloroethene	4.90	96	19550	0.414	ppbv #	85
26) Hexane	5.71	57	113805	1.156	ppbv #	47
27) Carbon Disulfide	4.56	76	187338	1.747	ppbv	94
29) Chloroform	5.78	83	271125	1.700	ppbv	95
30) Cyclohexane	7.16	84	34995m	0.470	ppbv	
31) cis-1,2-Dichloroethene	5.57	61	1535174	15.088	ppbv	97
32) 1,1,1-Trichloroethane	6.55	97	667720	4.467	ppbv	98
34) 2-Butanone	5.29	43	420714	2.814	ppbv	99
35) Carbon Tetrachloride	7.05	117	11212m	0.072	ppbv	
36) Benzene	6.93	78	313786	1.728	ppbv	96
38) Trichloroethene	7.92	130	17294519	232.075	ppbv	87
50) 4-Methyl-2-Pentanone	8.80	43	48936m	0.226	ppbv	
52) Tetrachloroethene	11.33	164	13528969	172.188	ppbv	87
53) Toluene	9.87	91	565243	2.740	ppbv	98
58) Ethyl Benzene	12.79	91	111394m	0.411	ppbv	
59) m/p-Xylene	13.03	91	363853m	1.553	ppbv	
60) o-Xylene	13.76	91	132726m	0.573	ppbv	
72) 4-Ethyltoluene	15.91	105	58071m	0.217	ppbv	
73) 1,3,5-Trimethylbenzene	16.07	105	40014m	0.153	ppbv	
74) 1,2,4-Trimethylbenzene	16.84	105	168575m	0.606	ppbv	

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

