

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033846.D
 Acq On : 29 May 2019 22:10
 Operator : SY/AP
 Sample : K3067-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-15-20190522-0

Manual Integrations
 APPROVED

apatel
 5/31/2019 12:45:25 PM

Quant Time: May 30 02:34:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	695271	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1753811	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1782502	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1460084	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.08	85	17125	0.117 ppbv	96
3) Chlorodifluoromethane	3.01	51	16328m	0.205 ppbv	
4) Chloromethane	3.17	50	10792	0.237 ppbv	97
10) Heptane	8.24	43	24355m	0.254 ppbv	
11) Trichlorofluoromethane	4.00	101	43179	0.309 ppbv	85
12) 1,1,2-Trichlorotrifluoroet	4.55	101	9904m	0.101 ppbv	
13) Ethanol	3.65	45	201049	18.363 ppbv	99
15) Acetone	3.90	43	719694	7.461 ppbv	98
17) tert-Butyl alcohol	4.37	59	13142m	0.168 ppbv	
19) Isopropyl Alcohol	4.03	45	245725	3.951 ppbv #	94
20) Methylene Chloride	4.40	84	146758	3.951 ppbv	98
26) Hexane	5.77	57	253436	3.479 ppbv #	40
27) Carbon Disulfide	4.62	76	23491	0.235 ppbv #	91
29) Chloroform	5.84	83	271007	2.020 ppbv	99
32) 1,1,1-Trichloroethane	6.61	97	5644m	0.042 ppbv	
34) 2-Butanone	5.33	43	106725	0.982 ppbv	97
35) Carbon Tetrachloride	7.12	117	6153m	0.044 ppbv	
36) Benzene	7.00	78	61704	0.387 ppbv	98
38) Trichloroethene	7.96	130	7529m	0.127 ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	61387m	0.228 ppbv	
52) Tetrachloroethene	11.36	164	101307	1.806 ppbv	93
53) Toluene	9.94	91	892307	5.186 ppbv	99
58) Ethyl Benzene	12.86	91	30530m	0.129 ppbv	
59) m/p-Xylene	13.12	91	96666m	0.468 ppbv	
60) o-Xylene	13.83	91	44303m	0.213 ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	40897m	0.162 ppbv	

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

