

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033942.D
 Acq On : 24 Jun 2019 18:38
 Operator : SY/AP
 Sample : K3481-09
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TZC-SSDS-OUTDOOR-AIR-2

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:15:40 AM

Quant Time: Jun 25 04:22:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	860994	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.27	114	2044298	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.21	117	2031856	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	1670912	10.01	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	45173m	0.323	ppbv	
3) Chlorodifluoromethane	3.00	51	42317m	0.417	ppbv	
4) Chloromethane	3.17	50	28892	0.500	ppbv	100
9) Propene	3.04	41	20862	0.550	ppbv	84
11) Trichlorofluoromethane	3.99	101	42108	0.234	ppbv	92
12) 1,1,2-Trichlorotrifluoroet	4.54	101	9403	0.077	ppbv	86
13) Ethanol	3.64	45	78158	6.334	ppbv	100
15) Acetone	3.89	43	445638	3.549	ppbv	99
19) Isopropyl Alcohol	4.02	45	40840m	0.569	ppbv	
20) Methylene Chloride	4.39	84	57560	1.175	ppbv	93
26) Hexane	5.76	57	201468	2.314	ppbv #	40
27) Carbon Disulfide	4.61	76	23738	0.196	ppbv #	38
34) 2-Butanone	5.32	43	44201	0.383	ppbv	98
35) Carbon Tetrachloride	7.11	117	11266m	0.071	ppbv	
36) Benzene	6.98	78	27947m	0.179	ppbv	
38) Trichloroethene	7.93	130	30882	0.508	ppbv #	85
44) 2,2,4-Trimethylpentane	7.97	57	27689m	0.100	ppbv	
52) Tetrachloroethene	11.34	164	5493m	0.100	ppbv	
53) Toluene	9.92	91	2890229	16.725	ppbv	99
59) m/p-Xylene	13.09	91	32049m	0.154	ppbv	
60) o-Xylene	13.82	91	14376m	0.067	ppbv	
74) 1,2,4-Trimethylbenzene	16.89	105	35569	0.128	ppbv #	68

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

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