

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033938.D
 Acq On : 24 Jun 2019 15:59
 Operator : SY/AP
 Sample : K3481-04DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TZC-SSDS-AREA-B-2DUP

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:15:37 AM

Quant Time: Jun 25 04:13:41 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	892169	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.27	114	2503824	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.21	117	2606059	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.55	95	2100479	9.81	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	45460	0.314	ppbv	94
3) Chlorodifluoromethane	3.01	51	158043m	1.505	ppbv	
4) Chloromethane	3.17	50	38443	0.642	ppbv	100
9) Propene	3.04	41	69989	1.781	ppbv #	70
10) Heptane	8.22	43	25293	0.255	ppbv	99
11) Trichlorofluoromethane	3.99	101	45470m	0.243	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.53	101	9697m	0.077	ppbv	
13) Ethanol	3.64	45	263844	20.635	ppbv	97
15) Acetone	3.89	43	780506	5.998	ppbv	95
17) tert-Butyl alcohol	4.36	59	74125	0.729	ppbv	96
19) Isopropyl Alcohol	4.02	45	97217	1.308	ppbv #	1
20) Methylene Chloride	4.39	84	98558	1.942	ppbv	97
26) Hexane	5.76	57	206008	2.283	ppbv #	42
34) 2-Butanone	5.31	43	275477	1.950	ppbv	98
35) Carbon Tetrachloride	7.11	117	12498	0.065	ppbv	91
36) Benzene	6.98	78	38956m	0.204	ppbv	
41) Tetrahydrofuran	6.15	42	19712m	0.275	ppbv	
44) 2,2,4-Trimethylpentane	7.97	57	40789m	0.120	ppbv	
52) Tetrachloroethene	11.34	164	7789m	0.116	ppbv	
53) Toluene	9.92	91	2229455	10.533	ppbv	99
58) Ethyl Benzene	12.83	91	1142804	3.890	ppbv	96
59) m/p-Xylene	13.09	91	4367734	16.347	ppbv	96
60) o-Xylene	13.82	91	1507260	5.464	ppbv	99
72) 4-Ethyltoluene	15.97	105	60328	0.192	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.13	105	64465	0.208	ppbv	99
74) 1,2,4-Trimethylbenzene	16.90	105	200284	0.562	ppbv #	75

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

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