

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033937.D
 Acq On : 24 Jun 2019 15:18
 Operator : SY/AP
 Sample : K3481-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:15:35 AM

Quant Time: Jun 25 04:06:31 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	892876	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	2206338	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	2379090	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.55	95	1969814	10.08	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	49193	0.340	ppbv	97
3) Chlorodifluoromethane	3.00	51	145720m	1.386	ppbv	
4) Chloromethane	3.16	50	34235	0.571	ppbv	99
9) Propene	3.04	41	69258	1.761	ppbv #	66
10) Heptane	8.22	43	16931	0.170	ppbv #	83
11) Trichlorofluoromethane	3.99	101	43589	0.233	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.53	101	9598m	0.076	ppbv	
13) Ethanol	3.64	45	243854	19.056	ppbv	98
15) Acetone	3.89	43	767946	5.897	ppbv	97
17) tert-Butyl alcohol	4.35	59	69370	0.681	ppbv	98
19) Isopropyl Alcohol	4.02	45	85778	1.153	ppbv #	1
20) Methylene Chloride	4.40	84	97110	1.912	ppbv	89
26) Hexane	5.76	57	189818	2.102	ppbv #	41
34) 2-Butanone	5.31	43	247307	1.987	ppbv	99
35) Carbon Tetrachloride	7.11	117	10434m	0.061	ppbv	
36) Benzene	6.98	78	30467	0.181	ppbv #	89
41) Tetrahydrofuran	6.14	42	12289	0.195	ppbv #	85
44) 2,2,4-Trimethylpentane	7.97	57	32857m	0.110	ppbv	
52) Tetrachloroethene	11.35	164	6665m	0.112	ppbv	
53) Toluene	9.92	91	1874086	10.048	ppbv	100
58) Ethyl Benzene	12.83	91	982320	3.662	ppbv	99
59) m/p-Xylene	13.09	91	3826752	15.689	ppbv	97
60) o-Xylene	13.82	91	1315884	5.225	ppbv	99
72) 4-Ethyltoluene	15.97	105	44924	0.157	ppbv #	86
73) 1,3,5-Trimethylbenzene	16.13	105	55648m	0.197	ppbv	
74) 1,2,4-Trimethylbenzene	16.89	105	173020	0.532	ppbv #	78

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

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