

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033953.D
 Acq On : 25 Jun 2019 1:54
 Operator : SY/AP
 Sample : K3481-07DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TZC-SSDS-AREA-D-1DL

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:15:52 AM

Quant Time: Jun 25 05:09:48 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	975434	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	2539133	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.21	117	2521736	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene		14.55	95	2080584	10.04	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.01	51	22338m	0.195	ppbv	
10) Heptane	8.23	43	90988m	0.838	ppbv	
11) Trichlorofluoromethane	3.99	101	55607	0.272	ppbv	85
13) Ethanol	3.65	45	25539m	1.827	ppbv	
15) Acetone	3.88	43	4629709	32.543	ppbv	95
17) tert-Butyl alcohol	4.35	59	428702	3.855	ppbv	98
19) Isopropyl Alcohol	4.02	45	57130	0.703	ppbv #	94
26) Hexane	5.77	57	15743m	0.160	ppbv	
34) 2-Butanone	5.32	43	255920	1.787	ppbv	97
36) Benzene	6.98	78	225556	1.163	ppbv	97
52) Tetrachloroethene	11.34	164	16800m	0.246	ppbv	
53) Toluene	9.92	91	232216	1.082	ppbv	99
58) Ethyl Benzene	12.83	91	1387663	4.881	ppbv	99
59) m/p-Xylene	13.09	91	3845225	14.873	ppbv	97
60) o-Xylene	13.82	91	1772969	6.642	ppbv	99
61) Styrene	13.66	104	2055029	11.896	ppbv	97

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

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