

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033912.D
 Acq On : 14 Jun 2019 00:50
 Operator : SY/AP
 Sample : K3357-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3R-20190612-1DL

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 12:37:20 AM

Quant Time: Jun 14 14:02:45 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	5.75	49	1077327	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2456226	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	2527797	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1828395	8.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.10%

Target Compounds					Ovalue
9) Propene	3.03	41	51859	1.093 ppbv	96
10) Heptane	8.23	43	18357	0.153 ppbv	97
13) Ethanol	3.64	45	49144	3.183 ppbv	98
15) Acetone	3.89	43	8226564	52.357 ppbv #	89
17) tert-Butyl alcohol	4.35	59	324193	2.639 ppbv	99
19) Isopropyl Alcohol	4.02	45	345111	3.845 ppbv #	94
27) Carbon Disulfide	4.61	76	41507	0.274 ppbv #	79
34) 2-Butanone	5.32	43	618293	4.462 ppbv	99
36) Benzene	6.99	78	36044	0.192 ppbv #	91
38) Trichloroethene	7.95	130	2815	0.039 ppbv #	33
41) Tetrahydrofuran	6.15	42	39360	0.560 ppbv	98
44) 2,2,4-Trimethylpentane	7.98	57	32300m	0.097 ppbv	
51) 2-Hexanone	10.27	43	42786m	0.265 ppbv	
52) Tetrachloroethene	11.35	164	22686m	0.344 ppbv	
53) Toluene	9.93	91	100508	0.484 ppbv	99
72) 4-Ethyltoluene	15.98	105	69221m	0.227 ppbv	
73) 1,3,5-Trimethylbenzene	16.14	105	44955	0.150 ppbv	94
74) 1,2,4-Trimethylbenzene	16.91	105	112933	0.327 ppbv #	73

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

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