

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036618.D
 Acq On : 1 Apr 2021 2:09
 Operator : SY/AP
 Sample : M1841-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-SS-1DL

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 6:54:08 PM

Quant Time: Apr 02 15:47:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1560166	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	3788955	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3392097	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2655378	9.82	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	32662	0.351	ppbv	87
13) Ethanol	3.62	45	469569	42.433	ppbv	99
15) Acetone	3.86	43	3566240	23.224	ppbv	97
17) tert-Butyl alcohol	4.32	59	164174m	1.228	ppbv	
19) Isopropyl Alcohol	3.98	45	1244290	14.730	ppbv #	1
34) 2-Butanone	5.26	43	306576	1.658	ppbv	93
53) Toluene	9.83	91	209717	0.564	ppbv	100
58) Ethyl Benzene	12.74	91	112083m	0.227	ppbv	
59) m/p-Xylene	12.99	91	434880	1.010	ppbv	96
60) o-Xylene	13.72	91	204504	0.491	ppbv	100
72) 4-Ethyltoluene	15.87	105	55585	0.122	ppbv #	82
73) 1,3,5-Trimethylbenzene	16.02	105	63489m	0.149	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	189854	0.417	ppbv #	69

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

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