

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061721\
 Data File : VL037201.D
 Acq On : 17 Jun 2021 14:43
 Operator : SY/AP
 Sample : M2721-02DL 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-PLAYROOM-2DL

Manual Integrations
 APPROVED

MMDadoda
 6/21/2021 12:53:59 PM

Quant Time: Jun 19 17:13:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 17 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1421272	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4134673	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3661706	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2824738	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	27180	0.110	ppbv	98
4) Chloromethane	3.14	50	14023m	0.152	ppbv	
13) Ethanol	3.61	45	634850m	46.443	ppbv	
15) Acetone	3.85	43	902444m	5.631	ppbv	
17) tert-Butyl alcohol	4.31	59	139941m	0.945	ppbv	
19) Isopropyl Alcohol	3.98	45	142953	1.473	ppbv #	1
20) Methylene Chloride	4.35	84	530151	5.525	ppbv	95
25) Ethyl Acetate	5.68	43	1444582	4.163	ppbv #	96
26) Hexane	5.69	57	892562	5.090	ppbv	84
30) Cyclohexane	7.13	84	85898m	0.588	ppbv	
34) 2-Butanone	5.25	43	159893	0.994	ppbv #	87
53) Toluene	9.81	91	302091	0.756	ppbv	99
58) Ethyl Benzene	12.71	91	76378	0.152	ppbv #	81
59) m/p-Xylene	12.97	91	232892m	0.545	ppbv	
60) o-Xylene	13.70	91	104259	0.256	ppbv	100
61) Styrene	13.53	104	1388699	6.615	ppbv	96
72) 4-Ethyltoluene	15.84	105	62886m	0.136	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	74335m	0.166	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	199387	0.433	ppbv #	75

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

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