

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080421\
 Data File : VL037338.D
 Acq On : 5 Aug 2021 11:17
 Operator : SY/AP
 Sample : M3239-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

MMDadoda
 8/5/2021 4:39:07 PM

Quant Time: Aug 05 14:20:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 0
 QLast Update : Wed Aug 04 22:53:01 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	960350	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3290276	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2847700	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2034508	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	23354	0.120	ppbv	98
9) Propene	3.01	41	20062m	0.284	ppbv	
10) Heptane	8.11	43	44183	0.268	ppbv	92
13) Ethanol	3.64	45	22058m	2.074	ppbv	
15) Acetone	3.86	43	271996	2.607	ppbv #	83
17) tert-Butyl alcohol	4.33	59	14988m	0.143	ppbv	
19) Isopropyl Alcohol	4.00	45	15610m	0.270	ppbv	
26) Hexane	5.68	57	198345	1.307	ppbv #	47
29) Chloroform	5.74	83	37053m	0.193	ppbv	
32) 1,1,1-Trichloroethane	6.50	97	12674m	0.069	ppbv	
34) 2-Butanone	5.26	43	61371	0.538	ppbv #	77
51) 2-Hexanone	10.15	43	58712m	0.739	ppbv	
52) Tetrachloroethene	11.21	164	11062m	0.087	ppbv	
53) Toluene	9.80	91	236360	0.676	ppbv	99
59) m/p-Xylene	12.95	91	87207m	0.248	ppbv	
60) o-Xylene	13.67	91	47213	0.147	ppbv	98
61) Styrene	13.51	104	28266m	0.161	ppbv	
64) n-propylbenzene	15.54	120	14723	0.121	ppbv	99
65) tert-Butylbenzene	16.74	119	50671m	0.118	ppbv	
70) n-Butylbenzene	18.54	91	81452m	0.183	ppbv	
72) 4-Ethyltoluene	15.82	105	64143m	0.166	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	66800	0.192	ppbv	88
74) 1,2,4-Trimethylbenzene	16.75	105	224927	0.606	ppbv #	76

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

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