

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035831.D
 Acq On : 4 Nov 2020 13:34
 Operator : SY/AP
 Sample : L4604-01 2X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:16:31 PM

Quant Time: Nov 05 03:34:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1016394	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	4475547	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	4211281	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	3017900	10.09	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%
Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.02	85	31303	0.164	ppbv	97
3) Chlorodifluoromethane	2.96	51	18010m	0.148	ppbv	
9) Propene	2.99	41	72093m	1.618	ppbv	
10) Heptane	8.09	43	13395m	0.109	ppbv	
11) Trichlorofluoromethane	3.93	101	30092	0.125	ppbv	# 83
13) Ethanol	3.59	45	17347m	1.795	ppbv	
15) Acetone	3.83	43	230957	2.125	ppbv	95
20) Methylene Chloride	4.32	84	152882	1.999	ppbv	97
26) Hexane	5.66	57	113188	0.959	ppbv	# 45
29) Chloroform	5.72	83	569473	2.454	ppbv	98
34) 2-Butanone	5.23	43	25343	0.174	ppbv	# 82
35) Carbon Tetrachloride	6.99	117	58319m	0.244	ppbv	
36) Benzene	6.86	78	79961m	0.240	ppbv	
52) Tetrachloroethene	11.19	164	10401m	0.066	ppbv	
53) Toluene	9.78	91	398383	0.992	ppbv	98
58) Ethyl Benzene	12.68	91	203339	0.396	ppbv	96
59) m/p-Xylene	12.94	91	581659	1.340	ppbv	96
60) o-Xylene	13.66	91	246825	0.585	ppbv	99
64) n-propylbenzene	15.54	120	34423m	0.179	ppbv	
69) p-Isopropyltoluene	17.63	119	117134	0.174	ppbv	# 83
70) n-Butylbenzene	18.55	91	206161	0.319	ppbv	95
72) 4-Ethyltoluene	15.82	105	110017	0.215	ppbv	# 95
73) 1,3,5-Trimethylbenzene	15.97	105	70167	0.150	ppbv	# 84
74) 1,2,4-Trimethylbenzene	16.74	105	283705	0.565	ppbv	# 70
80) Naphthalene,2-methyl-	24.96	142	7208	0.126	ppbv	# 81

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

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