

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\
 Data File : VL035059.D
 Acq On : 20 May 2020 00:53
 Operator : SY/AP
 Sample : L2683-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FL-SS

Manual Integrations
 APPROVED

MMDadoda
 5/20/2020 4:27:59 PM

Quant Time: May 20 09:42:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1161937	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2636050	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2533434	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2213066	10.79	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.90%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.00	85	48700	0.295	ppbv	96
3) Chlorodifluoromethane	2.93	51	78692m	0.593	ppbv	
4) Chloromethane	3.09	50	42585	0.560	ppbv	98
9) Propene	2.97	41	70035	1.217	ppbv #	71
11) Trichlorofluoromethane	3.91	101	43447	0.256	ppbv #	79
13) Ethanol	3.56	45	669418	35.241	ppbv	99
15) Acetone	3.80	43	5683976	37.002	ppbv	94
17) tert-Butyl alcohol	4.27	59	26241m	0.192	ppbv	
19) Isopropyl Alcohol	3.93	45	141269	1.379	ppbv #	94
20) Methylene Chloride	4.31	84	26484	0.521	ppbv #	68
31) cis-1,2-Dichloroethene	5.52	61	70162	0.643	ppbv #	88
34) 2-Butanone	5.22	43	403001	2.460	ppbv	99
35) Carbon Tetrachloride	7.01	117	11887m	0.071	ppbv	
36) Benzene	6.88	78	25250m	0.116	ppbv	
38) Trichloroethene	7.83	130	67139	0.797	ppbv	92
52) Tetrachloroethene	11.23	164	3046863	39.427	ppbv	97
53) Toluene	9.81	91	67598m	0.293	ppbv	
58) Ethyl Benzene	12.72	91	31277m	0.100	ppbv	
59) m/p-Xylene	12.98	91	127672m	0.463	ppbv	
60) o-Xylene	13.72	91	40595m	0.149	ppbv	

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

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