

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
 Data File : VL036188.D
 Acq On : 17 Dec 2020 5:04
 Operator : SY/AP
 Sample : L5082-02 4X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

MMDadoda
 12/17/2020 3:57:04 PM

Quant Time: Dec 17 13:44:32 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Dec 07 2020

QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1413023	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2968174	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2739095	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2465740	11.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	113.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	21010m	0.128	ppbv	
3) Chlorodifluoromethane	3.00	51	23870	0.148	ppbv	94
9) Propene	3.03	41	39397m	0.488	ppbv	
10) Heptane	8.14	43	137924	0.669	ppbv	95
13) Ethanol	3.63	45	39896m	3.583	ppbv	
15) Acetone	3.87	43	437036	2.573	ppbv	92
17) tert-Butyl alcohol	4.33	59	26585m	0.162	ppbv	
19) Isopropyl Alcohol	4.01	45	27547m	0.265	ppbv	
20) Methylene Chloride	4.36	84	22167m	0.319	ppbv	
26) Hexane	5.70	57	1029383	6.742	ppbv #	37
29) Chloroform	5.77	83	115244	0.575	ppbv	98
34) 2-Butanone	5.27	43	60305	0.306	ppbv #	87
36) Benzene	6.91	78	27156m	0.108	ppbv	
52) Tetrachloroethene	11.25	164	37811m	0.415	ppbv	
53) Toluene	9.83	91	194594	0.689	ppbv	98
57) Chlorobenzene	12.21	112	326412m	1.697	ppbv	
58) Ethyl Benzene	12.73	91	132315m	0.352	ppbv	
59) m/p-Xylene	13.00	91	229046m	0.724	ppbv	
60) o-Xylene	13.72	91	95172m	0.319	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.70	83	165129m	0.823	ppbv	
70) n-Butylbenzene	18.60	91	72681m	0.183	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	34745m	0.113	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	84864m	0.274	ppbv	

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

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