

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036093.D
 Acq On : 8 Dec 2020 9:40
 Operator : SY/AP
 Sample : L4949-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 5:45:35 PM

Quant Time: Dec 08 21:39:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 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	1248005	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2601090	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	2351376	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1983227	10.62	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	45019m	0.310	ppbv	
3) Chlorodifluoromethane	2.99	51	54908	0.386	ppbv	92
4) Chloromethane	3.14	50	38523m	0.551	ppbv	
9) Propene	3.02	41	52825	0.741	ppbv #	82
10) Heptane	8.14	43	54462	0.299	ppbv	96
11) Trichlorofluoromethane	3.96	101	38348	0.224	ppbv	98
13) Ethanol	3.62	45	110667m	11.254	ppbv	
15) Acetone	3.85	43	1448980	9.660	ppbv	96
19) Isopropyl Alcohol	3.99	45	72123m	0.787	ppbv	
20) Methylene Chloride	4.35	84	103915	1.691	ppbv	93
26) Hexane	5.70	57	243841m	1.808	ppbv	
30) Cyclohexane	7.14	84	18000m	0.182	ppbv	
34) 2-Butanone	5.27	43	116377	0.675	ppbv	96
35) Carbon Tetrachloride	7.02	117	10026m	0.066	ppbv	
36) Benzene	6.91	78	57119m	0.259	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	69093m	0.173	ppbv	
53) Toluene	9.82	91	1149703	4.645	ppbv	98
58) Ethyl Benzene	12.73	91	395430m	1.227	ppbv	
59) m/p-Xylene	12.99	91	1060169	3.906	ppbv	99
60) o-Xylene	13.71	91	327912m	1.282	ppbv	
61) Styrene	13.55	104	98873m	0.602	ppbv	
72) 4-Ethyltoluene	15.86	105	34638	0.125	ppbv #	87
73) 1,3,5-Trimethylbenzene	16.02	105	37751m	0.143	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	117913	0.444	ppbv #	62

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

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