

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
 Data File : VL036183.D
 Acq On : 17 Dec 2020 1:46
 Operator : SY/AP
 Sample : L5041-03
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Manual Integrations
 APPROVED

MMDadoda
 12/17/2020 3:56:51 PM

Quant Time: Dec 17 13:48:20 2020

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

Quant Title : AIR ANALYSIS BY METHOD TO-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	1394896	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2571819	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2388463	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2099327	11.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	44715	0.275	ppbv	93
3) Chlorodifluoromethane	2.99	51	68602	0.431	ppbv	94
4) Chloromethane	3.15	50	15820m	0.202	ppbv	
7) Chloroethane	3.56	64	62485	2.110	ppbv	92
9) Propene	3.02	41	41561m	0.521	ppbv	
10) Heptane	8.14	43	25540	0.125	ppbv	91
11) Trichlorofluoromethane	3.96	101	114730	0.600	ppbv	85
12) 1,1,2-Trichlorotrifluoroet	4.49	101	206056	1.588	ppbv	87
13) Ethanol	3.61	45	453611	41.273	ppbv	90
15) Acetone	3.86	43	1020023	6.084	ppbv	95
17) tert-Butyl alcohol	4.31	59	46505m	0.286	ppbv	
18) 1,1-Dichloroethene	4.29	96	144483m	2.507	ppbv	
19) Isopropyl Alcohol	3.98	45	1514934	14.785	ppbv #	100
20) Methylene Chloride	4.35	84	1272269	18.520	ppbv	94
24) 1,1-Dichloroethane	5.02	63	2545925	16.218	ppbv	98
26) Hexane	5.70	57	915604m	6.074	ppbv	
29) Chloroform	5.77	83	21455	0.108	ppbv #	74
32) 1,1,1-Trichloroethane	6.53	97	14808255	72.501	ppbv	89
34) 2-Butanone	5.26	43	67829	0.398	ppbv	99
35) Carbon Tetrachloride	7.03	117	12348m	0.082	ppbv	
36) Benzene	6.92	78	29297m	0.134	ppbv	
37) 1,2-Dichloroethane	6.33	62	15511m	0.123	ppbv	
38) Trichloroethene	7.85	130	32675m	0.401	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	50211m	0.127	ppbv	
52) Tetrachloroethene	11.24	164	46343	0.587	ppbv #	82
53) Toluene	9.83	91	368037m	1.504	ppbv	
59) m/p-Xylene	12.98	91	78218m	0.284	ppbv	
60) o-Xylene	13.72	91	36142m	0.139	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	42558m	0.158	ppbv	
75) 1,3-Dichlorobenzene	17.02	146	144154m	1.068	ppbv	

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

