

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120919\
 Data File : VL034486.D
 Acq On : 10 Dec 2019 5:27
 Operator : SY/AP
 Sample : K6181-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1A-4

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:13:19 PM

Quant Time: Dec 11 12:09:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	815988	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1637209	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1605981	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1398902	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	65389	0.443	ppbv	90
3) Chlorodifluoromethane	2.96	51	475496	4.670	ppbv	99
4) Chloromethane	3.11	50	29875	0.497	ppbv	98
9) Propene	2.99	41	73787	1.632	ppbv	84
10) Heptane	8.15	43	41637	0.357	ppbv	96
11) Trichlorofluoromethane	3.93	101	58041	0.395	ppbv	86
13) Ethanol	3.59	45	406960	32.322	ppbv	97
15) Acetone	3.83	43	734333m	6.285	ppbv	
19) Isopropyl Alcohol	3.96	45	100960	1.348	ppbv #	1
20) Methylene Chloride	4.33	84	146435	3.534	ppbv	93
26) Hexane	5.69	57	164929	1.841	ppbv #	44
30) Cyclohexane	7.16	84	18470m	0.273	ppbv	
34) 2-Butanone	5.25	43	82636	0.613	ppbv	100
35) Carbon Tetrachloride	7.04	117	9527m	0.068	ppbv	
36) Benzene	6.91	78	153404	0.937	ppbv #	93
38) Trichloroethene	7.86	130	10105m	0.150	ppbv	
44) 2,2,4-Trimethylpentane	7.90	57	114163	0.382	ppbv #	81
52) Tetrachloroethene	11.26	164	10362m	0.146	ppbv	
53) Toluene	9.84	91	946208	5.090	ppbv	98
58) Ethyl Benzene	12.76	91	135148	0.542	ppbv	99
59) m/p-Xylene	13.01	91	429739m	1.995	ppbv	
60) o-Xylene	13.74	91	117860m	0.553	ppbv	
74) 1,2,4-Trimethylbenzene	16.82	105	72957m	0.285	ppbv	

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

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