

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034444.D
 Acq On : 3 Dec 2019 2:36
 Operator : SY/AP
 Sample : K6097-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2A

Manual Integrations
 APPROVED

apatel
 12/4/2019 4:48:21 PM

Quant Time: Dec 03 06:18:20 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	5.69	49	754109	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1490978	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1410513	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1256258	10.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	242764	1.779	ppbv	94
3) Chlorodifluoromethane	2.97	51	38978m	0.414	ppbv	
4) Chloromethane	3.12	50	28265	0.509	ppbv	94
9) Propene	3.00	41	63600m	1.523	ppbv	
11) Trichlorofluoromethane	3.95	101	45898	0.338	ppbv	87
13) Ethanol	3.60	45	731846	62.894	ppbv	96
15) Acetone	3.84	43	560261	5.188	ppbv	99
19) Isopropyl Alcohol	3.97	45	2823637	40.795	ppbv #	99
20) Methylene Chloride	4.34	84	86297	2.254	ppbv	90
26) Hexane	5.71	57	102134	1.233	ppbv #	50
29) Chloroform	5.77	83	22598	0.169	ppbv	98
30) Cyclohexane	7.17	84	23924m	0.382	ppbv	
34) 2-Butanone	5.27	43	30444m	0.248	ppbv	
35) Carbon Tetrachloride	7.05	117	10309m	0.080	ppbv	
36) Benzene	6.92	78	51909m	0.348	ppbv	
38) Trichloroethene	7.88	130	32245	0.527	ppbv	95
52) Tetrachloroethene	11.28	164	4412m	0.068	ppbv	
53) Toluene	9.86	91	140005m	0.827	ppbv	
59) m/p-Xylene	13.03	91	40995m	0.217	ppbv	
60) o-Xylene	13.76	91	19298m	0.103	ppbv	
74) 1,2,4-Trimethylbenzene	16.83	105	32146m	0.143	ppbv	

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

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