

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101419\
 Data File : VL034290.D
 Acq On : 14 Oct 2019 20:38
 Operator : SY/AP
 Sample : K5302-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:59:34 AM

Quant Time: Oct 15 09:40:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	948715	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.22	114	1624941	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.15	117	1600955	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1435659	10.32	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%
Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.03	85	84124	0.600	ppbv	100
4) Chloromethane	3.12	50	35924	0.550	ppbv	91
9) Propene	3.00	41	79211m	1.443	ppbv	
10) Heptane	8.17	43	86707	0.606	ppbv	99
11) Trichlorofluoromethane	3.94	101	74535	0.584	ppbv	85
13) Ethanol	3.61	45	4224472	317.879	ppbv	99
15) Acetone	3.84	43	1350433	10.620	ppbv	# 86
19) Isopropyl Alcohol	3.98	45	1501491	19.203	ppbv	99
20) Methylene Chloride	4.35	84	79380	2.165	ppbv	95
25) Ethyl Acetate	5.69	43	1145434	4.764	ppbv	98
26) Hexane	5.71	57	491178	4.911	ppbv	98
27) Carbon Disulfide	4.55	76	19524m	0.212	ppbv	
29) Chloroform	5.78	83	25070m	0.175	ppbv	
34) 2-Butanone	5.26	43	203552	1.227	ppbv	99
35) Carbon Tetrachloride	7.05	117	8290m	0.061	ppbv	
36) Benzene	6.93	78	37179	0.207	ppbv	93
50) 4-Methyl-2-Pentanone	8.80	43	99254m	0.411	ppbv	
53) Toluene	9.86	91	1040074	5.303	ppbv	96
58) Ethyl Benzene	12.78	91	56481	0.219	ppbv	# 88
59) m/p-Xylene	13.04	91	91986	0.430	ppbv	95
60) o-Xylene	13.75	91	37938m	0.177	ppbv	
61) Styrene	13.60	104	120315	0.785	ppbv	98
69) p-Isopropyltoluene	17.73	119	171857	0.613	ppbv	95
72) 4-Ethyltoluene	15.91	105	26702m	0.110	ppbv	
73) 1,3,5-Trimethylbenzene	16.07	105	28552m	0.122	ppbv	
74) 1,2,4-Trimethylbenzene	16.84	105	76478	0.308	ppbv	# 69

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

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