

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033915.D
 Acq On : 14 Jun 2019 2:50
 Operator : SY/AP
 Sample : K3367-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1-BSMNTDUP

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 8:59:23 AM

Quant Time: Jun 16 18:14:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	851917	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.27	114	2043834	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	2081321	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1569257	9.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	35899	0.260	ppbv	92
3) Chlorodifluoromethane	3.00	51	96880m	0.966	ppbv	
4) Chloromethane	3.16	50	32719	0.572	ppbv	94
9) Propene	3.04	41	104703m	2.790	ppbv	
10) Heptane	8.23	43	32781	0.346	ppbv	97
11) Trichlorofluoromethane	4.00	101	41386m	0.232	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.53	101	8975m	0.074	ppbv	
13) Ethanol	3.64	45	1781821	145.937	ppbv	96
15) Acetone	3.89	43	912357	7.343	ppbv	97
19) Isopropyl Alcohol	4.02	45	142892	2.013	ppbv #	92
20) Methylene Chloride	4.40	84	33223	0.686	ppbv #	91
26) Hexane	5.77	57	89235	1.036	ppbv #	62
29) Chloroform	5.83	83	155253	1.052	ppbv	98
30) Cyclohexane	7.23	84	17423m	0.286	ppbv	
34) 2-Butanone	5.32	43	46274	0.401	ppbv	99
35) Carbon Tetrachloride	7.11	117	13967m	0.088	ppbv	
36) Benzene	6.98	78	117666	0.754	ppbv	98
38) Trichloroethene	7.95	130	2971m	0.049	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	171012	0.616	ppbv #	80
52) Tetrachloroethene	11.36	164	1225431	22.307	ppbv	97
53) Toluene	9.93	91	457523	2.648	ppbv	99
58) Ethyl Benzene	12.84	91	48969m	0.209	ppbv	
59) m/p-Xylene	13.10	91	166715m	0.781	ppbv	
60) o-Xylene	13.83	91	61937m	0.281	ppbv	
73) 1,3,5-Trimethylbenzene	16.14	105	41869m	0.170	ppbv	
74) 1,2,4-Trimethylbenzene	16.90	105	140136	0.492	ppbv #	75

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

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