

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\
 Data File : VL033500.D
 Acq On : 29 Mar 2019 13:36
 Operator : SY/AP
 Sample : K2042-16
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-4-STORAGE-RM-BY-THE-CAFE

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:03:47 AM

Quant Time: Mar 30 01:56:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 2
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	843850	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2063915	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1998577	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1553351	9.91	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	27336	0.222	ppbv	90
4) Chloromethane	3.17	50	29185	0.568	ppbv	99
9) Propene	3.05	41	27269m	0.668	ppbv	
10) Heptane	8.25	43	20984m	0.192	ppbv	
11) Trichlorofluoromethane	4.00	101	38142	0.251	ppbv	99
13) Ethanol	3.65	45	2044451	193.650	ppbv	65
15) Acetone	3.90	43	598117	5.895	ppbv	100
17) tert-Butyl alcohol	4.36	59	10857m	0.582	ppbv	
19) Isopropyl Alcohol	4.03	45	679247	10.584	ppbv #	98
20) Methylene Chloride	4.41	84	328953	7.638	ppbv	94
26) Hexane	5.77	57	279505	3.339	ppbv #	42
34) 2-Butanone	5.33	43	35656	0.288	ppbv	93
35) Carbon Tetrachloride	7.13	117	10229m	0.070	ppbv	
36) Benzene	7.00	78	43008	0.248	ppbv	97
53) Toluene	9.94	91	1109992	5.516	ppbv	100
58) Ethyl Benzene	12.86	91	22971	0.086	ppbv	97
59) m/p-Xylene	13.12	91	63399m	0.266	ppbv	
60) o-Xylene	13.85	91	20723m	0.090	ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	35002m	0.132	ppbv	

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

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