

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\
 Data File : VL033505.D
 Acq On : 29 Mar 2019 16:55
 Operator : SY/AP
 Sample : K2042-18
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-2-MUSIC-RM

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 8:40:11 AM

Quant Time: Mar 31 14:57:34 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	760720	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1956921	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1889737	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1474863	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	27547	0.248	ppbv	99
3) Chlorodifluoromethane	3.01	51	29338m	0.335	ppbv	
4) Chloromethane	3.17	50	28514	0.615	ppbv	90
9) Propene	3.05	41	28655m	0.779	ppbv	
10) Heptane	8.25	43	13206	0.134	ppbv	97
11) Trichlorofluoromethane	4.00	101	38050	0.278	ppbv	90
13) Ethanol	3.65	45	1050130	110.338	ppbv	64
15) Acetone	3.90	43	1211788	13.248	ppbv	99
17) tert-Butyl alcohol	4.37	59	22909m	1.362	ppbv	
19) Isopropyl Alcohol	4.02	45	168777	2.917	ppbv #	1
20) Methylene Chloride	4.41	84	183950	4.738	ppbv	97
26) Hexane	5.78	57	201288	2.668	ppbv #	43
34) 2-Butanone	5.33	43	34430m	0.293	ppbv	
35) Carbon Tetrachloride	7.13	117	10180m	0.073	ppbv	
36) Benzene	7.00	78	42999	0.262	ppbv #	92
53) Toluene	9.94	91	1052526	5.516	ppbv	99
58) Ethyl Benzene	12.86	91	28344m	0.112	ppbv	
59) m/p-Xylene	13.12	91	94338m	0.419	ppbv	
60) o-Xylene	13.85	91	27833m	0.128	ppbv	

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

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