

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032719\
 Data File : VL033470.D
 Acq On : 27 Mar 2019 16:05
 Operator : SY/AP
 Sample : K2042-10
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-8-RM-NEXT-TO-GUIDANCE-RM

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 1:25:49 AM

Quant Time: Mar 31 11:08:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue 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	696801	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1607725	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1579728	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1267231	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	28438	0.280	ppbv	99
4) Chloromethane	3.17	50	31042	0.731	ppbv	98
9) Propene	3.05	41	31058m	0.922	ppbv	
10) Heptane	8.24	43	14240	0.158	ppbv	99
11) Trichlorofluoromethane	4.00	101	32485	0.259	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.55	101	7310	0.087	ppbv	91
13) Ethanol	3.65	45	3371475	386.739	ppbv	65
15) Acetone	3.90	43	565940	6.755	ppbv	95
17) tert-Butyl alcohol	4.37	59	10945m	0.710	ppbv	
19) Isopropyl Alcohol	4.03	45	494069	9.323	ppbv #	98
20) Methylene Chloride	4.41	84	34188	0.961	ppbv #	82
26) Hexane	5.77	57	68349	0.989	ppbv #	50
34) 2-Butanone	5.33	43	24166	0.250	ppbv	97
35) Carbon Tetrachloride	7.13	117	9175	0.081	ppbv #	79
36) Benzene	7.00	78	35213	0.261	ppbv	98
52) Tetrachloroethene	11.37	164	95835	1.883	ppbv	92
53) Toluene	9.94	91	922144	5.883	ppbv	100
59) m/p-Xylene	13.12	91	88161m	0.468	ppbv	
60) o-Xylene	13.84	91	22269m	0.122	ppbv	

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

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