

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040419\
 Data File : VL033546.D
 Acq On : 4 Apr 2019 23:35
 Operator : SY/AP
 Sample : K2211-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA2

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:22:25 AM

Quant Time: Apr 05 03:26:40 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	1005820	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2025662	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2329674	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1914324	10.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	90641	0.618	ppbv	99
3) Chlorodifluoromethane	3.01	51	33314m	0.288	ppbv	
4) Chloromethane	3.17	50	29384	0.480	ppbv	94
9) Propene	3.05	41	78195m	1.608	ppbv	
10) Heptane	8.25	43	17103m	0.132	ppbv	
11) Trichlorofluoromethane	4.00	101	40064	0.222	ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.55	101	7959m	0.066	ppbv	
13) Ethanol	3.70	45	18476110	1468.239	ppbv	68
15) Acetone	3.90	43	1141765	9.441	ppbv #	87
20) Methylene Chloride	4.41	84	452940	8.823	ppbv	98
26) Hexane	5.78	57	356863	3.577	ppbv #	71
34) 2-Butanone	5.33	43	81213	0.667	ppbv	100
35) Carbon Tetrachloride	7.13	117	9792m	0.068	ppbv	
36) Benzene	7.00	78	33216	0.195	ppbv #	93
44) 2,2,4-Trimethylpentane	7.98	57	34426m	0.116	ppbv	
52) Tetrachloroethene	11.37	164	37156	0.579	ppbv	89
53) Toluene	9.94	91	2448260	12.396	ppbv	100

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

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