

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\
 Data File : VL033523.D
 Acq On : 30 Mar 2019 4:56
 Operator : SY/AP
 Sample : K2042-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-PRE-K-TEACHERS-ROOM

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:03:30 AM

Quant Time: Mar 30 06:27:19 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	778327	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1772250	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1914751	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1446599	9.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	37865	0.334	ppbv	98
4) Chloromethane	3.17	50	16740m	0.353	ppbv	
7) Chloroethane	3.60	64	4409	0.254	ppbv #	88
9) Propene	3.05	41	39221m	1.042	ppbv	
10) Heptane	8.25	43	27496m	0.273	ppbv	
11) Trichlorofluoromethane	4.00	101	48975	0.350	ppbv	92
13) Ethanol	3.66	45	3197693	328.383	ppbv	65
15) Acetone	3.90	43	1386463	14.815	ppbv	97
17) tert-Butyl alcohol	4.37	59	30720	1.785	ppbv #	73
20) Methylene Chloride	4.41	84	669302	16.848	ppbv	98
26) Hexane	5.78	57	458108	5.934	ppbv #	43
29) Chloroform	5.84	83	57266	0.433	ppbv	87
31) cis-1,2-Dichloroethene	5.64	61	39178	0.510	ppbv	89
34) 2-Butanone	5.33	43	101039	0.949	ppbv	98
35) Carbon Tetrachloride	7.13	117	10225m	0.081	ppbv	
36) Benzene	7.00	78	61817	0.416	ppbv	95
38) Trichloroethene	7.96	130	202350	3.616	ppbv	96
44) 2,2,4-Trimethylpentane	7.98	57	47213m	0.182	ppbv	
52) Tetrachloroethene	11.37	164	5791m	0.103	ppbv	
53) Toluene	9.95	91	1713521	9.916	ppbv	100
58) Ethyl Benzene	12.86	91	38280	0.150	ppbv #	84
59) m/p-Xylene	13.13	91	121996m	0.534	ppbv	
60) o-Xylene	13.85	91	33709	0.153	ppbv	99

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

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