

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\
 Data File : VL033517.D
 Acq On : 30 Mar 2019 00:56
 Operator : SY/AP
 Sample : K2042-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-8-RM-NEXT-TO-CST-ROOM

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:03:25 AM

Quant Time: Mar 30 03:36:24 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	816874	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1974127	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1943224	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1471585	9.66	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.60%
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	3.08	85	27793	0.233	ppbv	97
4) Chloromethane	3.17	50	19190m	0.386	ppbv	
7) Chloroethane	3.60	64	3201	0.176	ppbv	90
9) Propene	3.04	41	50844	1.287	ppbv #	82
10) Heptane	8.25	43	29789m	0.282	ppbv	
11) Trichlorofluoromethane	4.00	101	41095	0.280	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.55	101	9210	0.093	ppbv	99
13) Ethanol	3.66	45	4353963	426.026	ppbv	65
15) Acetone	3.90	43	1272118	12.952	ppbv	98
17) tert-Butyl alcohol	4.38	59	38202m	2.115	ppbv	
19) Isopropyl Alcohol	4.04	45	751855	12.102	ppbv #	98
20) Methylene Chloride	4.41	84	106359	2.551	ppbv	95
26) Hexane	5.78	57	128280	1.583	ppbv #	47
29) Chloroform	5.84	83	22368m	0.161	ppbv	
34) 2-Butanone	5.33	43	98827	0.833	ppbv	99
35) Carbon Tetrachloride	7.13	117	11052m	0.079	ppbv	
36) Benzene	7.00	78	76216	0.460	ppbv	97
38) Trichloroethene	7.96	130	83748	1.343	ppbv	95
44) 2,2,4-Trimethylpentane	7.99	57	59620m	0.206	ppbv	
53) Toluene	9.94	91	1142873	5.937	ppbv	100
58) Ethyl Benzene	12.86	91	30122m	0.116	ppbv	
59) m/p-Xylene	13.12	91	98887m	0.427	ppbv	
60) o-Xylene	13.85	91	31088m	0.139	ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	28156m	0.109	ppbv	
81) 1,2,4-Trichlorobenzene	21.66	180	25378	0.207	ppbv #	13

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

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