

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\
 Data File : VL033521.D
 Acq On : 30 Mar 2019 3:35
 Operator : SY/AP
 Sample : K2042-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3-CAFETERIA

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:03:29 AM

Quant Time: Mar 30 04:09:35 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	802291	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1844858	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1859892	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1466057	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	48649	0.416	ppbv	100
4) Chloromethane	3.17	50	27471	0.562	ppbv	96
9) Propene	3.05	41	91914m	2.370	ppbv	
10) Heptane	8.25	43	30189	0.291	ppbv	99
11) Trichlorofluoromethane	4.00	101	39897	0.277	ppbv	90
12) 1,1,2-Trichlorotrifluoroet	4.55	101	6923m	0.071	ppbv	
13) Ethanol	3.65	45	1486878	148.132	ppbv	65
15) Acetone	3.90	43	812344	8.421	ppbv	98
17) tert-Butyl alcohol	4.37	59	95520	5.385	ppbv #	92
19) Isopropyl Alcohol	4.03	45	165932	2.719	ppbv #	1
20) Methylene Chloride	4.41	84	468489	11.441	ppbv	95
26) Hexane	5.78	57	290177	3.646	ppbv #	47
29) Chloroform	5.84	83	13739	0.101	ppbv	88
30) Cyclohexane	7.25	84	7961m	0.126	ppbv	
34) 2-Butanone	5.33	43	75866	0.684	ppbv	98
35) Carbon Tetrachloride	7.13	117	8888m	0.068	ppbv	
36) Benzene	7.00	78	75251	0.486	ppbv	95
38) Trichloroethene	7.96	130	30827m	0.529	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	43382	0.160	ppbv #	67
53) Toluene	9.95	91	1154488	6.418	ppbv	100
58) Ethyl Benzene	12.86	91	34241m	0.138	ppbv	
59) m/p-Xylene	13.12	91	108577m	0.489	ppbv	
60) o-Xylene	13.85	91	36105m	0.168	ppbv	
61) Styrene	13.69	104	211662	1.438	ppbv	97
74) 1,2,4-Trimethylbenzene	16.92	105	19026m	0.077	ppbv	

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

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