

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022720\
 Data File : VL034724.D
 Acq On : 28 Feb 2020 1:16
 Operator : SY/AP
 Sample : L1661-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3-CAFETERIA

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 12:33:30 PM

Quant Time: Feb 28 12:28:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1089816	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2285536	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2279652	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1914410	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	237783	1.383	ppbv	97
10) Heptane	8.14	43	54026	0.427	ppbv	98
11) Trichlorofluoromethane	3.93	101	43826	0.291	ppbv	88
13) Ethanol	3.59	45	2492601	160.493	ppbv	97
15) Acetone	3.83	43	1886581	15.192	ppbv	100
17) tert-Butyl alcohol	4.29	59	389747	4.096	ppbv	99
19) Isopropyl Alcohol	3.96	45	3325475	44.957	ppbv #	98
20) Methylene Chloride	4.33	84	26938	0.583	ppbv	92
26) Hexane	5.68	57	52411	0.517	ppbv #	79
29) Chloroform	5.75	83	47640	0.295	ppbv	96
30) Cyclohexane	7.14	84	22361m	0.285	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	127664m	1.280	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	12356m	0.082	ppbv	
34) 2-Butanone	5.24	43	274120	1.905	ppbv	98
35) Carbon Tetrachloride	7.03	117	10035m	0.066	ppbv	
36) Benzene	6.90	78	71810	0.364	ppbv	97
38) Trichloroethene	7.85	130	515131	6.770	ppbv	96
41) Tetrahydrofuran	6.05	42	131607	1.733	ppbv	98
44) 2,2,4-Trimethylpentane	7.88	57	178999	0.519	ppbv #	82
50) 4-Methyl-2-Pentanone	8.77	43	92021	0.452	ppbv	95
52) Tetrachloroethene	11.25	164	10826m	0.150	ppbv	
53) Toluene	9.83	91	926442	4.413	ppbv	99
58) Ethyl Benzene	12.74	91	210217	0.762	ppbv	97
59) m/p-Xylene	13.00	91	661043	2.748	ppbv	100
60) o-Xylene	13.73	91	270346	1.133	ppbv	97
61) Styrene	13.57	104	18579m	0.121	ppbv	
64) n-propylbenzene	15.60	120	14620	0.163	ppbv #	54
69) p-Isopropyltoluene	17.70	119	529522	1.487	ppbv	96
72) 4-Ethyltoluene	15.88	105	88549m	0.333	ppbv	
73) 1,3,5-Trimethylbenzene	16.04	105	76580	0.300	ppbv	96
74) 1,2,4-Trimethylbenzene	16.81	105	342000	1.212	ppbv #	67
76) 1,4-Dichlorobenzene	17.18	146	24339m	0.149	ppbv	
79) Naphthalene	22.27	128	51725m	0.208	ppbv	

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

