

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081720\
 Data File : VL035433.D
 Acq On : 18 Aug 2020 1:48
 Operator : SY/AP
 Sample : L3699-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 K-1DL

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 11:06:01 AM

Quant Time: Aug 19 16:23:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 18 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1118637	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	5075402	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	5055141	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3694678	10.44	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	16824m	0.120	ppbv	
9) Propene	3.02	41	84141	1.492	ppbv #	69
10) Heptane	8.14	43	46535	0.315	ppbv #	80
13) Ethanol	3.61	45	1821969	88.210	ppbv	100
15) Acetone	3.85	43	887130	6.890	ppbv #	84
27) Carbon Disulfide	4.56	76	523840	2.563	ppbv #	85
29) Chloroform	5.76	83	623652	2.195	ppbv	98
34) 2-Butanone	5.26	43	138872	0.819	ppbv #	73
52) Tetrachloroethene	11.25	164	34166	0.150	ppbv #	86
53) Toluene	9.83	91	293162	0.611	ppbv	98
58) Ethyl Benzene	12.74	91	164515	0.270	ppbv	93
59) m/p-Xylene	12.99	91	479147	0.929	ppbv #	84
60) o-Xylene	13.72	91	224848	0.448	ppbv	89
64) n-propylbenzene	15.59	120	69158	0.273	ppbv	66
65) tert-Butylbenzene	16.79	119	169941	0.213	ppbv #	88
70) n-Butylbenzene	18.59	91	93479	0.106	ppbv #	32
72) 4-Ethyltoluene	15.87	105	392018	0.596	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.03	105	343231	0.561	ppbv	90
74) 1,2,4-Trimethylbenzene	16.79	105	1383078	2.079	ppbv #	70
79) Naphthalene	22.25	128	168898	0.180	ppbv	98
80) Naphthalene,2-methyl-	25.01	142	38805	0.100	ppbv	96

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

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