

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081820\
 Data File : VL035455.D
 Acq On : 18 Aug 2020 23:43
 Operator : SY/AP
 Sample : L3725-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-02DL

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 11:07:31 AM

Quant Time: Aug 19 11:31:35 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	1106357	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	5189679	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	5159916	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3764917	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.99	51	197498	1.424	ppbv	93
9) Propene	3.02	41	20617m	0.370	ppbv	
13) Ethanol	3.61	45	38696	1.894	ppbv	93
15) Acetone	3.86	43	397514	3.122	ppbv #	79
17) tert-Butyl alcohol	4.32	59	39795	0.242	ppbv	99
19) Isopropyl Alcohol	3.99	45	19597	0.223	ppbv #	97
26) Hexane	5.70	57	38003	0.272	ppbv #	32
29) Chloroform	5.76	83	715474	2.546	ppbv	98
34) 2-Butanone	5.27	43	101730	0.587	ppbv #	68
35) Carbon Tetrachloride	7.02	117	11366m	0.041	ppbv	
40) 1,4-Dioxane	7.90	88	8984m	0.131	ppbv	
41) Tetrahydrofuran	6.08	42	34984m	0.366	ppbv	
50) 4-Methyl-2-Pentanone	8.79	43	43826m	0.176	ppbv	
52) Tetrachloroethene	11.24	164	45615	0.196	ppbv #	72
53) Toluene	9.83	91	275929	0.562	ppbv	99
58) Ethyl Benzene	12.73	91	86377	0.139	ppbv	94
59) m/p-Xylene	12.99	91	220207	0.418	ppbv #	82
60) o-Xylene	13.72	91	120558m	0.236	ppbv	
62) Isopropylbenzene	14.70	105	99081	0.118	ppbv	95
64) n-propylbenzene	15.59	120	66702m	0.258	ppbv	
69) p-Isopropyltoluene	17.68	119	220753	0.232	ppbv #	90
72) 4-Ethyltoluene	15.87	105	336731	0.501	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.02	105	222079	0.355	ppbv	89
74) 1,2,4-Trimethylbenzene	16.79	105	505919	0.745	ppbv #	69
79) Naphthalene	22.25	128	94623	0.099	ppbv	96

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

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