

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111220\
 Data File : VL035926.D
 Acq On : 12 Nov 2020 23:19
 Operator : SY/AP
 Sample : L4721-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LA-2

Manual Integrations
 APPROVED

MMDadoda
 11/16/2020 2:31:53 PM

Quant Time: Nov 14 21:42:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1163445	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4066941	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3724725	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2782456	10.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	50194	0.229	ppbv	93
3) Chlorodifluoromethane	2.98	51	68128m	0.489	ppbv	
4) Chloromethane	3.13	50	39736	0.587	ppbv	100
9) Propene	3.01	41	69704	1.367	ppbv #	81
10) Heptane	8.12	43	18190m	0.129	ppbv	
11) Trichlorofluoromethane	3.94	101	66586	0.242	ppbv	95
13) Ethanol	3.64	45	15498290m	1400.900	ppbv	
15) Acetone	3.84	43	1670569	13.431	ppbv	96
17) tert-Butyl alcohol	4.34	59	120788m	0.733	ppbv	
19) Isopropyl Alcohol	4.00	45	7453996	97.518	ppbv #	97
20) Methylene Chloride	4.34	84	225844	2.579	ppbv	99
26) Hexane	5.68	57	543302	4.020	ppbv #	48
29) Chloroform	5.74	83	43106	0.162	ppbv	90
30) Cyclohexane	7.16	84	38746m	0.263	ppbv	
34) 2-Butanone	5.24	43	75792	0.574	ppbv	99
35) Carbon Tetrachloride	7.01	117	13923	0.064	ppbv	85
36) Benzene	6.89	78	107112	0.354	ppbv	97
44) 2,2,4-Trimethylpentane	7.87	57	102205m	0.255	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	23754m	0.118	ppbv	
52) Tetrachloroethene	11.22	164	18039m	0.126	ppbv	
53) Toluene	9.80	91	1595898	4.374	ppbv	98
58) Ethyl Benzene	12.71	91	45322m	0.100	ppbv	
59) m/p-Xylene	12.97	91	138178m	0.360	ppbv	
60) o-Xylene	13.69	91	53143	0.142	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	57690	0.130	ppbv #	65

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

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