

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111220\
 Data File : VL035928.D
 Acq On : 13 Nov 2020 00:38
 Operator : SY/AP
 Sample : L4721-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LA-3

Manual Integrations
 APPROVED

MMDadoda
 11/16/2020 2:31:21 PM

Quant Time: Nov 13 03:44:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 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	1128354	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3977789	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3608401	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2703207	10.54	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	45979	0.216	ppbv	96
3) Chlorodifluoromethane	2.98	51	57256m	0.424	ppbv	
4) Chloromethane	3.13	50	35717	0.544	ppbv #	88
9) Propene	3.01	41	65135	1.317	ppbv #	79
10) Heptane	8.12	43	16205	0.119	ppbv	97
11) Trichlorofluoromethane	3.94	101	67651	0.254	ppbv	92
13) Ethanol	3.63	45	17746254	1653.981	ppbv	96
15) Acetone	3.84	43	1561546	12.945	ppbv	94
17) tert-Butyl alcohol	4.34	59	138964m	0.869	ppbv	
19) Isopropyl Alcohol	4.01	45	6834275	92.191	ppbv #	97
20) Methylene Chloride	4.34	84	102538	1.207	ppbv	96
26) Hexane	5.68	57	424584	3.240	ppbv #	47
29) Chloroform	5.74	83	50197	0.195	ppbv	88
30) Cyclohexane	7.15	84	37358m	0.262	ppbv	
34) 2-Butanone	5.24	43	55923	0.433	ppbv	92
35) Carbon Tetrachloride	7.01	117	13530m	0.064	ppbv	
36) Benzene	6.88	78	109965	0.372	ppbv	95
44) 2,2,4-Trimethylpentane	7.86	57	99204	0.254	ppbv #	73
50) 4-Methyl-2-Pentanone	8.74	43	19300m	0.098	ppbv	
52) Tetrachloroethene	11.22	164	5318m	0.038	ppbv	
53) Toluene	9.80	91	962907	2.699	ppbv	97
59) m/p-Xylene	12.97	91	126829	0.341	ppbv	99
60) o-Xylene	13.69	91	49762	0.138	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	61590	0.143	ppbv #	67

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

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