

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035832.D
 Acq On : 4 Nov 2020 14:13
 Operator : SY/AP
 Sample : L4604-03 2X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:16:35 PM

Quant Time: Nov 05 03:38:55 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	5.64	49	1142374	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	4892243	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.06	117	4506737	10.00	ppbv	-0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	3205288	10.01	ppbv	-0.04	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	36926	0.172	ppbv	100
3) Chlorodifluoromethane	2.96	51	25436	0.186	ppbv #	88
4) Chloromethane	3.11	50	6355	0.096	ppbv	99
9) Propene	2.99	41	62566	1.250	ppbv	85
10) Heptane	8.09	43	35634m	0.258	ppbv	
11) Trichlorofluoromethane	3.92	101	37598	0.139	ppbv	99
13) Ethanol	3.59	45	52761m	4.857	ppbv	
15) Acetone	3.83	43	617575	5.057	ppbv #	87
19) Isopropyl Alcohol	3.98	45	20909	0.279	ppbv #	90
20) Methylene Chloride	4.32	84	351405	4.087	ppbv	99
26) Hexane	5.66	57	312699	2.357	ppbv #	45
29) Chloroform	5.72	83	111384	0.427	ppbv	96
30) Cyclohexane	7.10	84	136799	0.947	ppbv	89
34) 2-Butanone	5.22	43	38144	0.240	ppbv #	85
35) Carbon Tetrachloride	6.99	117	14318m	0.055	ppbv	
36) Benzene	6.86	78	107182	0.295	ppbv	98
52) Tetrachloroethene	11.19	164	13106m	0.076	ppbv	
53) Toluene	9.77	91	450381	1.026	ppbv	98
58) Ethyl Benzene	12.68	91	213913	0.390	ppbv	97
59) m/p-Xylene	12.93	91	554055	1.193	ppbv	96
60) o-Xylene	13.66	91	229506	0.508	ppbv	98
64) n-propylbenzene	15.54	120	37885m	0.185	ppbv	
69) p-Isopropyltoluene	17.64	119	70908	0.099	ppbv #	87
70) n-Butylbenzene	18.55	91	262936	0.380	ppbv	97
72) 4-Ethyltoluene	15.81	105	97387	0.178	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.98	105	55976	0.112	ppbv	94
74) 1,2,4-Trimethylbenzene	16.74	105	225773	0.420	ppbv #	67

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

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