

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121318\
 Data File : VL032994.D
 Acq On : 14 Dec 2018 9:39
 Operator : SY/AP
 Sample : J6382-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 P00131-SG001-181212-01

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 11:19:20 AM

Quant Time: Dec 14 10:22:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1007701	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2315945	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2410726	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1953851	10.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	77526	0.576	ppbv	97
3) Chlorodifluoromethane	3.02	51	20806m	0.273	ppbv	
4) Chloromethane	3.17	50	33006	0.743	ppbv	99
9) Propene	3.05	41	42055	1.394	ppbv #	76
10) Heptane	8.25	43	12261m	0.108	ppbv	
11) Trichlorofluoromethane	4.01	101	46586	0.368	ppbv	89
13) Ethanol	3.65	45	148984	14.339	ppbv	98
15) Acetone	3.90	43	1188824	13.745	ppbv	99
17) tert-Butyl alcohol	4.38	59	13650	0.620	ppbv #	59
19) Isopropyl Alcohol	4.05	45	48521m	0.893	ppbv	
20) Methylene Chloride	4.41	84	97196	2.299	ppbv	95
26) Hexane	5.78	57	172033m	1.824	ppbv	
34) 2-Butanone	5.34	43	87360	0.866	ppbv	98
35) Carbon Tetrachloride	7.13	117	13577m	0.075	ppbv	
36) Benzene	7.01	78	64976m	0.381	ppbv	
41) Tetrahydrofuran	6.17	42	49844	0.794	ppbv	97
44) 2,2,4-Trimethylpentane	8.00	57	32434m	0.112	ppbv	
53) Toluene	9.95	91	1158856	6.415	ppbv	100
58) Ethyl Benzene	12.87	91	88569m	0.344	ppbv	
59) m/p-Xylene	13.13	91	366511	1.572	ppbv #	100
60) o-Xylene	13.85	91	81449	0.346	ppbv	96
74) 1,2,4-Trimethylbenzene	16.93	105	53660	0.185	ppbv #	73

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

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