

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121718\
 Data File : VL033010.D
 Acq On : 18 Dec 2018 00:30
 Operator : SY/AP
 Sample : J6444-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 YT-CBA-LTM5-05

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 5:36:57 PM

Quant Time: Dec 19 15:44:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07
 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	5.77	49	899125	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2705126	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2081215	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2181990	14.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	141.90%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	80686	0.672	ppbv	96
3) Chlorodifluoromethane	3.02	51	46249m	0.679	ppbv	
4) Chloromethane	3.17	50	30801	0.777	ppbv	91
9) Propene	3.05	41	1226137m	45.539	ppbv	
10) Heptane	8.25	43	28566	0.282	ppbv	94
11) Trichlorofluoromethane	4.01	101	38644	0.342	ppbv	96
13) Ethanol	3.65	45	504505	54.420	ppbv	97
15) Acetone	3.90	43	843642m	10.932	ppbv	
19) Isopropyl Alcohol	4.03	45	143047	2.952	ppbv #	1
20) Methylene Chloride	4.41	84	41022	1.088	ppbv	95
26) Hexane	5.78	57	146927	1.746	ppbv #	54
27) Carbon Disulfide	4.63	76	37821m	0.359	ppbv	
34) 2-Butanone	5.34	43	53240	0.452	ppbv	99
36) Benzene	7.01	78	148593	0.747	ppbv	95
44) 2,2,4-Trimethylpentane	8.00	57	91935	0.272	ppbv #	73
52) Tetrachloroethene	11.38	164	9779	0.135	ppbv	86
53) Toluene	9.97	91	23254373	110.200	ppbv #	83
58) Ethyl Benzene	12.87	91	65143	0.293	ppbv	95
59) m/p-Xylene	13.13	91	208090m	1.034	ppbv	
60) o-Xylene	13.86	91	75105m	0.369	ppbv	
73) 1,3,5-Trimethylbenzene	16.16	105	35365m	0.160	ppbv	
74) 1,2,4-Trimethylbenzene	16.94	105	125294	0.501	ppbv #	71

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

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