

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121718\
 Data File : VL033012.D
 Acq On : 18 Dec 2018 1:49
 Operator : SY/AP
 Sample : J6444-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 YT-CBA-LTM5-02

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 5:37:35 PM

Quant Time: Dec 19 15:49:21 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	5.77	49	1126030	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2715304	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2497397	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2222755	12.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	120.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	92890	0.618	ppbv	94
3) Chlorodifluoromethane	3.01	51	50052m	0.587	ppbv	
4) Chloromethane	3.17	50	31585	0.636	ppbv	96
9) Propene	3.05	41	1164538m	34.535	ppbv	
10) Heptane	8.25	43	31072	0.245	ppbv	98
11) Trichlorofluoromethane	4.01	101	41655	0.294	ppbv	99
13) Ethanol	3.65	45	927656	79.901	ppbv	97
15) Acetone	3.90	43	1499239m	15.512	ppbv	
19) Isopropyl Alcohol	4.04	45	200773	3.308	ppbv #	1
20) Methylene Chloride	4.41	84	183758	3.890	ppbv	98
26) Hexane	5.78	57	307999	2.922	ppbv #	50
34) 2-Butanone	5.34	43	62630	0.530	ppbv	97
35) Carbon Tetrachloride	7.14	117	15694	0.074	ppbv	85
36) Benzene	7.01	78	160382	0.803	ppbv	96
38) Trichloroethene	7.97	130	7384m	0.089	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	113503	0.335	ppbv #	78
52) Tetrachloroethene	11.38	164	8892m	0.122	ppbv	
53) Toluene	9.96	91	16145380	76.225	ppbv	91
58) Ethyl Benzene	12.88	91	74725	0.280	ppbv #	89
59) m/p-Xylene	13.13	91	223679	0.926	ppbv #	100
60) o-Xylene	13.86	91	81292m	0.333	ppbv	
73) 1,3,5-Trimethylbenzene	16.17	105	36051	0.136	ppbv	99
74) 1,2,4-Trimethylbenzene	16.93	105	131044	0.437	ppbv #	67

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

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