

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101118\
 Data File : VL032618.D
 Acq On : 12 Oct 2018 00:08
 Operator : SY/AP
 Sample : J5370-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 Q3-SVI-100518

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 2:07:43 PM

Quant Time: Oct 12 12:15:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 08 2018
 QLast Update : Mon Oct 01 06:49:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1354915	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.33	114	2976916	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.27	117	3240098	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2292328	9.38	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.09	85	30627	0.244	ppbv	100
3) Chlorodifluoromethane	3.03	51	125188m	1.111	ppbv	
4) Chloromethane	3.19	50	41716	0.635	ppbv	100
9) Propene	3.05	41	3699073	75.666	ppbv	98
10) Heptane	8.28	43	148645	0.829	ppbv	98
11) Trichlorofluoromethane	4.02	101	35578	0.239	ppbv	99
13) Ethanol	3.68	45	1042173	70.922	ppbv	99
15) Acetone	3.92	43	18322940	154.063	ppbv #	68
17) tert-Butyl alcohol	4.39	59	925231	61.909	ppbv #	100
19) Isopropyl Alcohol	4.06	45	784824	9.474	ppbv #	93
20) Methylene Chloride	4.44	84	1523493	26.453	ppbv	98
26) Hexane	5.80	57	412152	3.162	ppbv #	42
27) Carbon Disulfide	4.64	76	453932	3.239	ppbv	100
28) Methyl tert-Butyl Ether	5.13	73	20544m	0.127	ppbv	
34) 2-Butanone	5.36	43	15581103	87.892	ppbv #	86
35) Carbon Tetrachloride	7.17	117	14142m	0.068	ppbv	
36) Benzene	7.04	78	7011150	29.143	ppbv	98
50) 4-Methyl-2-Pentanone	8.91	43	61244m	0.220	ppbv	
51) 2-Hexanone	10.29	43	2081341	9.031	ppbv #	99
52) Tetrachloroethene	11.41	164	138104	1.649	ppbv	84
53) Toluene	9.98	91	1761387	6.008	ppbv	99
58) Ethyl Benzene	12.90	91	76876	0.196	ppbv	98
59) m/p-Xylene	13.16	91	138143m	0.395	ppbv	
60) o-Xylene	13.88	91	49228	0.145	ppbv	94

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

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