

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100521\
 Data File : VL037792.D
 Acq On : 6 Oct 2021 3:07
 Operator : SY/AP
 Sample : M4012-16
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P11

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 7:36:47 PM

Quant Time: Oct 06 06:40:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1248020	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3578261	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3116582	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2179168	10.00	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.03	85	22080	0.111	ppbv	98
4) Chloromethane	3.12	50	10645	0.121	ppbv #	34
9) Propene	3.01	41	22250m	0.252	ppbv	
10) Heptane	8.10	43	41242m	0.206	ppbv	
11) Trichlorofluoromethane	3.93	101	39997	0.225	ppbv	100
13) Ethanol	3.59	45	461057	63.896	ppbv	82
15) Acetone	3.83	43	854510	7.627	ppbv	100
17) tert-Butyl alcohol	4.28	59	23971m	0.208	ppbv	
19) Isopropyl Alcohol	3.94	45	5455767	78.275	ppbv #	99
20) Methylene Chloride	4.33	84	72153	1.275	ppbv	90
26) Hexane	5.67	57	141021	0.911	ppbv #	74
27) Carbon Disulfide	4.53	76	402087	2.931	ppbv	97
34) 2-Butanone	5.22	43	160118	1.108	ppbv #	90
50) 4-Methyl-2-Pentanone	8.73	43	46802m	0.249	ppbv	
52) Tetrachloroethene	11.20	164	2481236	20.867	ppbv	97
53) Toluene	9.78	91	410474	1.212	ppbv	98
58) Ethyl Benzene	12.68	91	101055m	0.241	ppbv	
59) m/p-Xylene	12.94	91	165126m	0.460	ppbv	
60) o-Xylene	13.66	91	74208	0.216	ppbv	99
74) 1,2,4-Trimethylbenzene	16.73	105	88281m	0.237	ppbv	
75) 1,3-Dichlorobenzene	16.97	146	366184m	1.585	ppbv	
79) Naphthalene	22.16	128	41488m	0.182	ppbv	

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

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