

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
 Data File : VL037632.D
 Acq On : 17 Sep 2021 1:58
 Operator : SY/AP
 Sample : M3780-01 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

MMDadoda
 9/20/2021 5:27:40 PM

Quant Time: Sep 17 10:02:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 17 10:02:38 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1531626	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4439965	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3852776	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2902938	10.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	137438m	0.476	ppbv	
9) Propene	3.01	41	356334m	3.497	ppbv	
10) Heptane	8.11	43	111028	0.467	ppbv	97
13) Ethanol	3.59	45	1426792m	143.138	ppbv	
15) Acetone	3.83	43	4989226	31.352	ppbv	99
17) tert-Butyl alcohol	4.28	59	63565	0.471	ppbv #	83
19) Isopropyl Alcohol	3.95	45	515433m	5.953	ppbv	
20) Methylene Chloride	4.33	84	113323m	1.492	ppbv	
26) Hexane	5.67	57	918101m	5.015	ppbv	
27) Carbon Disulfide	4.53	76	22737m	0.136	ppbv	
28) Methyl tert-Butyl Ether	5.03	73	17776m	0.110	ppbv	
29) Chloroform	5.73	83	1077621	4.031	ppbv	93
34) 2-Butanone	5.23	43	656887m	3.641	ppbv	
41) Tetrahydrofuran	6.04	42	83019m	0.979	ppbv	
44) 2,2,4-Trimethylpentane	7.84	57	93380	0.150	ppbv #	8
51) 2-Hexanone	10.11	43	348786	3.452	ppbv #	95
52) Tetrachloroethene	11.20	164	82080	0.577	ppbv	90
53) Toluene	9.78	91	374897	0.911	ppbv	97
58) Ethyl Benzene	12.69	91	236516m	0.462	ppbv	
59) m/p-Xylene	12.95	91	709240	1.591	ppbv	95
60) o-Xylene	13.66	91	393660m	0.928	ppbv	
64) n-propylbenzene	15.55	120	37753m	0.247	ppbv	
72) 4-Ethyltoluene	15.82	105	219898m	0.452	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	248038m	0.546	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	1061612	2.221	ppbv #	72
79) Naphthalene	22.17	128	132914m	0.453	ppbv	
80) Naphthalene,2-methyl-	24.96	142	17157m	0.256	ppbv	

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

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