

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036103.D
 Acq On : 8 Dec 2020 20:28
 Operator : SY/AP
 Sample : L4949-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:23:15 PM

Quant Time: Dec 09 22:30:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1197314	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2667622	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	2378827	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2022137	10.71	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	91505m	1.337	ppbv	
10) Heptane	8.13	43	252851	1.447	ppbv	98
13) Ethanol	3.61	45	446404	47.320	ppbv	86
15) Acetone	3.85	43	4703237	32.684	ppbv	97
19) Isopropyl Alcohol	3.98	45	162866m	1.852	ppbv	
25) Ethyl Acetate	5.68	43	624107	2.171	ppbv	97
26) Hexane	5.69	57	227126m	1.756	ppbv	
30) Cyclohexane	7.13	84	86143m	0.906	ppbv	
34) 2-Butanone	5.25	43	681536	3.852	ppbv	98
36) Benzene	6.90	78	132524	0.586	ppbv #	85
41) Tetrahydrofuran	6.06	42	191825m	1.825	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	739643	1.807	ppbv #	83
53) Toluene	9.82	91	4009499	15.794	ppbv	99
58) Ethyl Benzene	12.72	91	728832	2.236	ppbv	95
59) m/p-Xylene	12.98	91	2202377	8.021	ppbv	98
60) o-Xylene	13.71	91	859478	3.322	ppbv	97
64) n-propylbenzene	15.58	120	64872m	0.703	ppbv	
65) tert-Butylbenzene	16.78	119	119282m	0.380	ppbv	
72) 4-Ethyltoluene	15.85	105	415576	1.483	ppbv	96
73) 1,3,5-Trimethylbenzene	16.01	105	364249	1.361	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	1141712	4.250	ppbv #	65

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

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