

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036107.D
 Acq On : 8 Dec 2020 23:05
 Operator : SY/AP
 Sample : L4949-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4DL

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:23:22 PM

Quant Time: Dec 09 22:39:12 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	1171731	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2609179	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	2317308	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1965927	10.68	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	355861m	5.314	ppbv	
10) Heptane	8.12	43	69522m	0.406	ppbv	
13) Ethanol	3.61	45	70798m	7.669	ppbv	
15) Acetone	3.85	43	4518595	32.087	ppbv	99
19) Isopropyl Alcohol	3.98	45	200383	2.328	ppbv #	100
25) Ethyl Acetate	5.68	43	598832	2.129	ppbv #	67
34) 2-Butanone	5.25	43	1085808	6.274	ppbv	100
36) Benzene	6.90	78	22082m	0.100	ppbv	
41) Tetrahydrofuran	6.06	42	153272	1.491	ppbv	97
44) 2,2,4-Trimethylpentane	7.87	57	230248	0.575	ppbv #	71
50) 4-Methyl-2-Pentanone	8.76	43	300986	1.166	ppbv	98
52) Tetrachloroethene	11.24	164	9024m	0.113	ppbv	
53) Toluene	9.82	91	4750881	19.134	ppbv	98
58) Ethyl Benzene	12.73	91	300663	0.947	ppbv	99
59) m/p-Xylene	12.98	91	962654	3.599	ppbv	98
60) o-Xylene	13.70	91	322196	1.279	ppbv	97
72) 4-Ethyltoluene	15.86	105	98539m	0.361	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	83716m	0.321	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	195792m	0.748	ppbv	

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

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