

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL034995.D
 Acq On : 12 May 2020 20:20
 Operator : SY/AP
 Sample : L2567-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

MMDadoda
 5/13/2020 5:12:12 PM

Quant Time: May 14 13:58:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1072939	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2561943	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2373639	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	1918537	9.99	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	320182m	6.023	ppbv	
10) Heptane	8.12	43	437345m	3.284	ppbv	
13) Ethanol	3.56	45	1051477	59.945	ppbv	99
15) Acetone	3.81	43	3868540	27.273	ppbv	97
19) Isopropyl Alcohol	3.93	45	118759	1.255	ppbv #	1
20) Methylene Chloride	4.31	84	33918	0.722	ppbv #	74
26) Hexane	5.67	57	852167	8.250	ppbv #	43
30) Cyclohexane	7.12	84	223803	2.808	ppbv	90
36) Benzene	6.88	78	459919	2.177	ppbv	95
44) 2,2,4-Trimethylpentane	7.87	57	794888	2.117	ppbv #	82
52) Tetrachloroethene	11.24	164	7758m	0.103	ppbv	
53) Toluene	9.81	91	4353968	19.445	ppbv	99
58) Ethyl Benzene	12.73	91	678849m	2.313	ppbv	
59) m/p-Xylene	12.99	91	2103354	8.145	ppbv #	59
60) o-Xylene	13.71	91	801892	3.147	ppbv	99
64) n-propylbenzene	15.59	120	45813m	0.469	ppbv	
65) tert-Butylbenzene	16.79	119	82641m	0.250	ppbv	
72) 4-Ethyltoluene	15.86	105	223123	0.785	ppbv	98
73) 1,3,5-Trimethylbenzene	16.03	105	210946m	0.762	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	777771	2.575	ppbv #	73
79) Naphthalene	22.26	128	75299m	0.320	ppbv	

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

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