

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032320\
 Data File : VL034931.D
 Acq On : 23 Mar 2020 15:54
 Operator : SY/AP
 Sample : L2004-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-01

Manual Integrations
 APPROVED

apatel

3/25/2020 11:54:16 AM

Quant Time: Mar 24 03:26:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1023224	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2193724	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2194723	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1809898	10.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	77445	0.553	ppbv	93
3) Chlorodifluoromethane	2.94	51	322700m	2.823	ppbv	
4) Chloromethane	3.10	50	25113	0.389	ppbv #	81
9) Propene	2.98	41	69972	1.282	ppbv #	71
11) Trichlorofluoromethane	3.92	101	61710	0.414	ppbv	91
13) Ethanol	3.58	45	1787719	107.751	ppbv	94
15) Acetone	3.82	43	1762869	13.293	ppbv #	89
17) tert-Butyl alcohol	4.28	59	152707	1.195	ppbv	96
18) 1,1-Dichloroethene	4.26	96	8854m	0.192	ppbv	
19) Isopropyl Alcohol	3.95	45	496213	5.925	ppbv #	43
20) Methylene Chloride	4.31	84	622765	14.852	ppbv	94
22) trans-1,2-Dichloroethene	4.86	96	12176m	0.260	ppbv	
26) Hexane	5.67	57	522059	5.131	ppbv #	42
27) Carbon Disulfide	4.53	76	100726	0.872	ppbv #	91
29) Chloroform	5.74	83	1158478	7.463	ppbv	95
30) Cyclohexane	7.13	84	10916m	0.129	ppbv	
31) cis-1,2-Dichloroethene	5.53	61	121499	1.168	ppbv	88
32) 1,1,1-Trichloroethane	6.51	97	6070m	0.040	ppbv	
34) 2-Butanone	5.23	43	41048m	0.282	ppbv	
35) Carbon Tetrachloride	7.02	117	7239m	0.053	ppbv	
38) Trichloroethene	7.84	130	4999435	67.321	ppbv	98
42) Bromodichloromethane	7.80	83	28201	0.188	ppbv	97
52) Tetrachloroethene	11.25	164	9148m	0.118	ppbv	
53) Toluene	9.82	91	36065m	0.160	ppbv	
78) Hexachloro-1,3-Butadiene	23.42	225	16675m	0.123	ppbv	

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

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