Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121620\
Data File : VL036177.D
Acq On : 16 Dec 2020 21:53
Operator : SY/AP
Sample : L5061-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AS-EFF-201210DUP

Manual Integrations APPROVED
MMDadoda
12/17/2020 3:56:37 PM

Quant Time: Dec 17 14:09:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon 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	1308284	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.18	114	2545905	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.10	117	2256745	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	1992858	11.12	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 111.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	260792	1.710	ppbv		89
3) Chlorodifluoromethane	2.98	51	1116975	7.483	ppbv		98
4) Chloromethane	3.13	50	40917m	0.558	ppbv		
5) Vinyl Chloride	3.25	62	2600	0.032	ppbv	#	35
9) Propene	3.01	41	43397	0.580	ppbv		99
11) Trichlorofluoromethane	3.95	101	3426469	19.115	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	86856m	0.713	ppbv		
13) Ethanol	3.61	45	157404m	15.270	ppbv		
18) 1,1-Dichloroethene	4.29	96	210876	3.901	ppbv		86
20) Methylene Chloride	4.34	84	270147	4.193	ppbv		95
22) trans-1,2-Dichloroethene	4.89	96	48551	0.897	ppbv	#	76
24) 1,1-Dichloroethane	5.01	63	244637	1.662	ppbv	#	97
26) Hexane	5.69	57	395677	2.799	ppbv	#	40
28) Methyl tert-Butyl Ether	5.04	73	373092	1.856	ppbv		95
29) Chloroform	5.75	83	188900m	1.018	ppbv		
31) cis-1,2-Dichloroethene	5.55	61	2555853	19.888	ppbv		92
32) 1,1,1-Trichloroethane	6.51	97	97071	0.507	ppbv	#	87
35) Carbon Tetrachloride	7.02	117	74237	0.500	ppbv		93
36) Benzene	6.90	78	77464	0.359	ppbv		94
37) 1,2-Dichloroethane	6.31	62	31011m	0.248	ppbv		
38) Trichloroethene	7.84	130	8879143	110.089	ppbv		95
52) Tetrachloroethene	11.24	164	7527067	96.371	ppbv		91
53) Toluene	9.82	91	75134m	0.310	ppbv		
59) m/p-Xylene	12.97	91	38700m	0.149	ppbv		
62) Isopropylbenzene	14.69	105	43483m	0.120	ppbv		

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

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