Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033021\
Data File : VL036567.D
Acq On : 30 Mar 2021 13:04
Operator : SY/AP
Sample : M1797-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 31 16:28:29 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 2
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : MF-SG-01(2021)

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1353109	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.16	114	3406357	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.06	117	3229756	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2585310	10.04	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	38241	0.173	ppbv	#	80
3) Chlorodifluoromethane	2.97	51	101897m	0.403	ppbv		
4) Chloromethane	3.12	50	124343	1.392	ppbv		92
9) Propene	2.99	41	1368108	16.975	ppbv		89
10) Heptane	8.10	43	509911	2.484	ppbv		100
11) Trichlorofluoromethane	3.93	101	52167m	0.232	ppbv		
13) Ethanol	3.61	45	10321109	1075.394	ppbv		94
15) Acetone	3.83	43	14212935	106.722	ppbv		91
17) tert-Butyl alcohol	4.30	59	141574	1.221	ppbv	#	72
19) Isopropyl Alcohol	3.98	45	1683968	22.986	ppbv	#	1
20) Methylene Chloride	4.32	84	1725119	27.666	ppbv		97
22) trans-1,2-Dichloroethene	4.85	96	12050m	0.203	ppbv		
26) Hexane	5.66	57	3552426	24.177	ppbv	#	47
27) Carbon Disulfide	4.53	76	464736	3.211	ppbv		98
29) Chloroform	5.74	83	15148098	64.465	ppbv	#	83
30) Cyclohexane	7.10	84	90907m	0.763	ppbv		
32) 1,1,1-Trichloroethane	6.49	97	457598	1.932	ppbv		97
34) 2-Butanone	5.23	43	1578959	9.496	ppbv		99
35) Carbon Tetrachloride	7.00	117	70594m	0.270	ppbv		
36) Benzene	6.87	78	1364532	4.343	ppbv		99
38) Trichloroethene	7.81	130	15813m	0.129	ppbv		
40) 1,4-Dioxane	7.81	88	271062m	9.139	ppbv		
42) Bromodichloromethane	7.76	83	78376m	0.312	ppbv		
43) Methyl Methacrylate	8.00	69	65334m	0.619	ppbv		
44) 2,2,4-Trimethylpentane	7.84	57	262363m	0.475	ppbv		
50) 4-Methyl-2-Pentanone	8.73	43	108541	0.451	ppbv		95
51) 2-Hexanone	10.11	43	218001m	1.796	ppbv		
52) Tetrachloroethene	11.19	164	29621m	0.256	ppbv		
53) Toluene	9.78	91	2845308	8.505	ppbv		99
58) Ethyl Benzene	12.69	91	13111701	27.904	ppbv	#	84
59) m/p-Xylene	12.95	91	19959680	48.701	ppbv	#	80
60) o-Xylene	13.67	91	8381368	21.150	ppbv		95
61) Styrene	13.51	104	23529m	0.118	ppbv		
62) Isopropylbenzene	14.65	105	174515	0.327	ppbv		98
64) n-propylbenzene	15.54	120	55450m	0.425	ppbv		
65) tert-Butylbenzene	16.74	119	118695m	0.256	ppbv		
69) p-Isopropyltoluene	17.64	119	472997m	0.927	ppbv		
70) n-Butylbenzene	18.56	91	238124m	0.450	ppbv		
72) 4-Ethyltoluene	15.82	105	343934	0.792	ppbv	#	97
73) 1,3,5-Trimethylbenzene	15.97	105	360676m	0.890	ppbv		
74) 1,2,4-Trimethylbenzene	16.74	105	965088	2.225	ppbv	#	69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 1,2-Dichlorobenzene	17.80	146	64614m	0.282	ppbv	
79) Naphthalene	22.18	128	107378m	0.424	ppbv	

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

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