Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033021\
Data File : VL036572.D
Acq On : 30 Mar 2021 16:42
Operator : SY/AP
Sample : M1797-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-04(2021)

Manual Integrations APPROVED
MMDadoda
4/1/2021 10:58:31 AM

Quant Time: Mar 31 16:59:20 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1471554	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.16	114	3532440	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.07	117	3200071	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2619799	10.27	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	55969	0.233	ppbv		90
3) Chlorodifluoromethane	2.97	51	61561m	0.224	ppbv		
4) Chloromethane	3.13	50	25714	0.265	ppbv	#	87
9) Propene	3.01	41	88554	1.010	ppbv	#	82
10) Heptane	8.11	43	33665m	0.151	ppbv		
11) Trichlorofluoromethane	3.93	101	52543	0.215	ppbv		86
13) Ethanol	3.60	45	3990307	382.300	ppbv		93
15) Acetone	3.84	43	2098924	14.492	ppbv		99
17) tert-Butyl alcohol	4.29	59	30843m	0.245	ppbv		
19) Isopropyl Alcohol	3.99	45	348842	4.378	ppbv	#	1
20) Methylene Chloride	4.33	84	2074984	30.599	ppbv		98
26) Hexane	5.67	57	3999528	25.029	ppbv	#	46
27) Carbon Disulfide	4.53	76	36369	0.231	ppbv	#	92
29) Chloroform	5.74	83	24873m	0.097	ppbv		
30) Cyclohexane	7.11	84	34091m	0.263	ppbv		
32) 1,1,1-Trichloroethane	6.49	97	25075	0.097	ppbv		90
34) 2-Butanone	5.23	43	98560	0.572	ppbv	#	85
35) Carbon Tetrachloride	7.00	117	9446m	0.035	ppbv		
36) Benzene	6.87	78	53127	0.163	ppbv		97
40) 1,4-Dioxane	7.83	88	49273m	1.602	ppbv		
44) 2,2,4-Trimethylpentane	7.84	57	73548m	0.128	ppbv		
52) Tetrachloroethene	11.20	164	25158m	0.210	ppbv		
53) Toluene	9.79	91	193248	0.557	ppbv		98
58) Ethyl Benzene	12.69	91	164693	0.354	ppbv		91
59) m/p-Xylene	12.94	91	579610m	1.427	ppbv		
60) o-Xylene	13.67	91	188932	0.481	ppbv		95
69) p-Isopropyltoluene	17.64	119	113608m	0.225	ppbv		
72) 4-Ethyltoluene	15.82	105	44230m	0.103	ppbv		
73) 1,3,5-Trimethylbenzene	15.98	105	42217m	0.105	ppbv		
74) 1,2,4-Trimethylbenzene	16.74	105	147768	0.344	ppbv	#	64

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

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