Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081121\
Data File : VL037401.D
Acq On : 11 Aug 2021 22:35
Operator : SY/AP
Sample : M3157-10
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-DDC-INTERMEDIATE-1

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apatel
8/12/2021 10:17:22 AM

Quant Time: Aug 12 04:15:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 1
QLast Update : Wed Aug 11 09:01:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1175478	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3671905	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3273375	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2446602	10.02	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	31109	0.146	ppbv		89
3) Chlorodifluoromethane	2.99	51	80915m	0.370	ppbv		
4) Chloromethane	3.13	50	70229	0.872	ppbv		92
9) Propene	3.02	41	135935m	1.827	ppbv		
10) Heptane	8.12	43	266644	1.515	ppbv		99
11) Trichlorofluoromethane	3.95	101	37744m	0.211	ppbv		
13) Ethanol	3.60	45	2237589	249.125	ppbv		94
15) Acetone	3.84	43	2462460	21.988	ppbv	#	65
17) tert-Butyl alcohol	4.30	59	343345	3.427	ppbv	#	71
19) Isopropyl Alcohol	3.96	45	2080357	32.265	ppbv	#	32
20) Methylene Chloride	4.34	84	398052	6.545	ppbv	#	90
22) trans-1,2-Dichloroethene	4.88	96	18164m	0.334	ppbv		
25) Ethyl Acetate	5.66	43	7995578	27.885	ppbv	#	88
27) Carbon Disulfide	4.55	76	37975	0.312	ppbv	#	72
29) Chloroform	5.75	83	40724m	0.196	ppbv		
30) Cyclohexane	7.13	84	241328	2.008	ppbv		85
34) 2-Butanone	5.24	43	1135996	8.142	ppbv		100
35) Carbon Tetrachloride	7.01	117	11831m	0.058	ppbv		
36) Benzene	6.89	78	801765	2.751	ppbv		99
37) 1,2-Dichloroethane	6.30	62	36119m	0.242	ppbv		
38) Trichloroethene	7.83	130	5723m	0.046	ppbv		
43) Methyl Methacrylate	8.01	69	53618	0.529	ppbv	#	4
44) 2,2,4-Trimethylpentane	7.86	57	214166	0.441	ppbv	#	69
50) 4-Methyl-2-Pentanone	8.74	43	860017	4.718	ppbv		99
52) Tetrachloroethene	11.22	164	33615m	0.283	ppbv		
53) Toluene	9.80	91	8365480	24.755	ppbv		98
58) Ethyl Benzene	12.70	91	608822	1.393	ppbv		93
59) m/p-Xylene	12.96	91	1359380	3.614	ppbv		95
60) o-Xylene	13.69	91	525784	1.508	ppbv		98
61) Styrene	13.52	104	644787	3.569	ppbv		99
62) Isopropylbenzene	14.66	105	100504	0.205	ppbv		99
69) p-Isopropyltoluene	17.64	119	174640m	0.355	ppbv		
72) 4-Ethyltoluene	15.83	105	249708	0.612	ppbv		98
73) 1,3,5-Trimethylbenzene	15.99	105	211530m	0.559	ppbv		
74) 1,2,4-Trimethylbenzene	16.75	105	693476	1.805	ppbv	#	70
79) Naphthalene	22.19	128	32813m	0.157	ppbv		

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

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