Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024843.D
Acq On : 11 Feb 2020 20:28
Operator : CG/JU
Sample : L1405-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6P5

Manual Integrations APPROVED
mohammad
2/12/2020 3:52:36 PM

Quant Time: Feb 12 05:01:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 04:40:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	324558	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1275945	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	798147	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1631064	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1553968	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1609008	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	33125	4.91	ng/uL	0.00
5) Phenol-d5	6.60	99	589572	27.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	360164	29.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	538741	27.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	494796	27.20	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	266905	28.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	310643	28.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	559238	25.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	678859	33.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1717847	28.51	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	2052336	29.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	215853	22.05	ng/ul	0.00
58) Fluorene-d10	15.06	176	1469194	27.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	232504	21.87	ng/ul	0.00
71) Anthracene-d10	16.90	188	2086215	28.02	ng/ul	0.00
79) Pyrene-d10	19.22	212	2317315	29.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2436333	30.15	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthene	14.12	153	98689	2.005	ng/ul	96
54) Dibenzofuran	14.46	168	103223	1.407	ng/ul	99
59) Fluorene	15.11	166	110765	1.832	ng/ul	97
70) Phenanthrene	16.85	178	1740221	19.568	ng/ul	99
72) Anthracene	16.94	178	333317	3.696	ng/ul	99
75) Carbazole	17.22	167	97903	1.303	ng/ul	99
77) Fluoranthene	18.88	202	2162003	19.803	ng/ul	99
80) Pyrene	19.24	202	1834584	17.835	ng/ul	96
83) Benzo(a)anthracene	21.00	228	1007526	9.625	ng/ul	100
85) Chrysene	21.06	228	906336	8.795	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	1208165	11.808	ng/ul	98
89) Benzo(k)fluoranthene	22.54	252	382985m	3.889	ng/ul	
91) Benzo(a)pyrene	23.03	252	761634	8.303	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	542824	4.753	ng/ul	98
93) Dibenzo(a,h)anthracene	25.18	278	154019	1.583	ng/ul#	95
94) Benzo(g,h,i)perylene	25.79	276	457217	4.814	ng/ul	98

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

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