Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024866.D
Acq On : 13 Feb 2020 21:39
Operator : CG/JU
Sample : L1404-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6N3

Quant Time: Feb 14 06:48:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 05:59:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	440480	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1602494	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	971060	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1988222	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1937126	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2067164	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	43970	4.80	ng/uL	0.00
5) Phenol-d5	6.60	99	694293	23.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	443833	26.86	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	606392	23.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	306929	12.43	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	296412	25.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	343486	25.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	568726	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	565263	21.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1762933	24.05	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	2103921	24.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	238505	20.02	ng/ul	0.00
58) Fluorene-d10	15.04	176	1544330	23.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	261140	20.15	ng/ul	0.00
71) Anthracene-d10	16.90	188	2075122	22.86	ng/ul	0.00
79) Pyrene-d10	19.20	212	2510939	25.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2619641	25.23	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.20	128	238278	2.910	ng/ul	98
34) 2-Methylnaphthalene	11.83	142	66266	1.099	ng/ul	99
50) Acenaphthene	14.10	153	146188	2.441	ng/ul	97
54) Dibenzofuran	14.45	168	156932	1.758	ng/ul	99
59) Fluorene	15.10	166	166016	2.257	ng/ul	94
70) Phenanthrene	16.84	178	2246532	20.723	ng/ul	100
72) Anthracene	16.93	178	383580	3.489	ng/ul	99
75) Carbazole	17.20	167	229091	2.501	ng/ul	99
77) Fluoranthene	18.87	202	3095620	23.261	ng/ul	97
80) Pyrene	19.23	202	2521551	19.665	ng/ul#	94
83) Benzo(a)anthracene	21.00	228	1464107	11.221	ng/ul	98
85) Chrysene	21.05	228	1409626	10.973	ng/ul	99
88) Benzo(b)fluoranthene	22.50	252	1965256	14.951	ng/ul#	99
89) Benzo(k)fluoranthene	22.54	252	642468	5.078	ng/ul#	97
91) Benzo(a)pyrene	23.03	252	1260092	10.693	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.16	276	936638	6.384	ng/ul	99
93) Dibenzo(a,h)anthracene	25.16	278	263832	2.111	ng/ul#	91
94) Benzo(g,h,i)perylene	25.78	276	801245	6.566	ng/ul	100

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

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