Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016908.D
Acq On : 26 Sep 2018 20:26
Operator : MJ/SJ
Sample : J5040-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E8JD9

Manual Integrations APPROVED
Sohil
9/27/2018 5:26:32 PM

Quant Time: Sep 27 03:38:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 27 02:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	294916	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1217196	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	652431	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1439441	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1587557	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1730074	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	18253	2.65	ng/uL	0.00
5) Phenol-d5	6.89	99	410089	16.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	252807	16.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	355667	17.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	329620	17.12	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	167759	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	172289	23.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	329830	17.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	395509	17.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	947141	18.08	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1225016	18.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	109110	12.69	ng/ul	0.00
58) Fluorene-d10	15.35	176	865418	18.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	49569	8.39	ng/ul	0.00
71) Anthracene-d10	17.20	188	1367077	19.68	ng/ul	0.00
79) Pyrene-d10	19.50	212	1528009	19.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	1798059	19.92	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.55	128	99585	1.591	ng/ul	97
45) Dimethylphthalate	13.82	163	415796	8.121	ng/ul	99
50) Acenaphthene	14.42	153	164360	3.615	ng/ul	99
54) Dibenzofuran	14.76	168	93472	1.498	ng/ul	95
59) Fluorene	15.41	166	163943	3.199	ng/ul	100
70) Phenanthrene	17.15	178	2212883	27.676	ng/ul	99
72) Anthracene	17.24	178	507036	6.177	ng/ul	96
75) Carbazole	17.51	167	237365	3.289	ng/ul	98
77) Fluoranthene	19.17	202	4255770	46.432	ng/ul#	89
80) Pyrene	19.53	202	3697803	37.934	ng/ul#	88
83) Benzo(a)anthracene	21.28	228	1943561	19.776	ng/ul	98
85) Chrysene	21.33	228	1790713	19.538	ng/ul	98
88) Benzo(b)fluoranthene	22.87	252	2401814	23.194	ng/ul#	93
89) Benzo(k)fluoranthene	22.91	252	748978m	7.532	ng/ul	
91) Benzo(a)pyrene	23.44	252	1746909	17.698	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.78	276	1132316	9.616	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.78	278	279597	2.839	ng/ul#	85
94) Benzo(g,h,i)perylene	26.47	276	1060773	10.864	ng/ul#	92

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

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