Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:36 AM

Quant Time: Sep 13 14:28:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	312341	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1178712	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	618869	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1109520	20.00	ng/ul	0.00
78) Chrysene-d12	14.18	240	910141	20.00	ng/ul	0.04
86) Perylene-d12	15.79	264	844356	20.00	ng/ul	0.10
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	31497	3.58	ng/uL	0.01
5) Phenol-d5	6.52	99	588686	22.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	305317	21.95	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	494423	22.98	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	443037	22.17	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	231927	25.91	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	253127	29.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	429694	23.23	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	47495	2.08	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1162206	25.43	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1368039	24.22	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	158080	19.36	ng/ul	0.00
58) Fluorene-d10	10.48	176	928285	23.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	95709	18.77	ng/ul	0.02
71) Anthracene-d10	11.52	188	1287733	23.97	ng/ul	0.00
79) Pyrene-d10	12.92	212	1300676	24.03	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.67	264	921890	21.06	ng/ul	0.09
Target Compounds						Qvalue
4) Benzaldehyde	6.45	77	17867	1.329	ng/ul	98
6) Phenol	6.53	94	112325	4.051	ng/ul	97
45) Dimethylphthalate	9.66	163	348115	7.549	ng/ul	100
70) Phenanthrene	11.48	178	371755	5.666	ng/ul	99
72) Anthracene	11.53	178	73372	1.136	ng/ul	98
75) Carbazole	11.69	167	73856	1.338	ng/ul	100
77) Fluoranthene	12.70	202	893826	13.506	ng/ul	99
80) Pyrene	12.93	202	727386	10.593	ng/ul	95
83) Benzo(a)anthracene	14.17	228	314962m	4.781	ng/ul	
84) Bis(2-ethylhexyl)phthalate	14.16	149	61277	1.638	ng/ul#	96
85) Chrysene	14.20	228	477350	7.896	ng/ul	96
88) Benzo(b)fluoranthene	15.32	252	408829m	7.305	ng/ul	
89) Benzo(k)fluoranthene	15.32	252	313276m	5.939	ng/ul	
91) Benzo(a)pyrene	15.71	252	213996	4.076	ng/ul#	86
92) Indeno(1,2,3-cd)pyrene	17.40	276	168319	2.787	ng/ul#	72
93) Dibenzo(a,h)anthracene	17.40	278	64321m	1.286	ng/ul	
94) Benzo(g,h,i)perylene	17.88	276	184622m	3.666	ng/ul	

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

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