Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000221.D
Acq On : 12 Sep 2019 18:07
Operator : HP/JU
Sample : K4634-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D39

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:23 AM

Quant Time: Sep 13 14:12:09 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	6.89	152	349834	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1317866	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	704153	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1232082	20.00	ng/ul	0.00
78) Chrysene-d12	14.19	240	782049	20.00	ng/ul	0.04
86) Perylene-d12	15.79	264	1049557m	20.00	ng/ul	0.11
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.61	96	25709	2.61	ng/uL	0.00
5) Phenol-d5	6.51	99	479645	16.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	246092	15.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	408437	16.95	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	360868	16.12	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	189440	18.93	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	201121	20.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	357464	17.29	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	116122	4.54	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	954983	18.37	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1168685	18.19	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	104816	11.28	ng/ul	0.00
58) Fluorene-d10	10.48	176	780847	17.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.54	200	86931	15.35	ng/ul	0.01
71) Anthracene-d10	11.52	188	1094539	18.34	ng/ul	0.00
79) Pyrene-d10	12.92	212	992526	21.34	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.70	264	778947	14.32	ng/ul	0.11
Target Compounds						Qvalue
6) Phenol	6.52	94	80363	2.588	ng/ul	96
28) Naphthalene	8.20	128	144716	2.016	ng/ul	98
34) 2-Methylnaphthalene	8.89	142	54721	1.116	ng/ul	99
45) Dimethylphthalate	9.66	163	198781	3.789	ng/ul	99
50) Acenaphthene	9.98	153	717433	15.423	ng/ul	98
54) Dibenzofuran	10.15	168	119033	1.865	ng/ul	99
59) Fluorene	10.50	166	138309	2.802	ng/ul	96
70) Phenanthrene	11.49	178	3421098	46.953	ng/ul	100
72) Anthracene	11.53	178	775019	10.810	ng/ul	99
75) Carbazole	11.69	167	497432	8.115	ng/ul	97
77) Fluoranthene	12.71	202	5862006	79.766	ng/ul	97
80) Pyrene	12.95	202	6586232	111.627	ng/ul#	92
83) Benzo(a)anthracene	14.17	228	6110767m	107.945	ng/ul	
85) Chrysene	14.22	228	5579753	107.411	ng/ul	96
88) Benzo(b)fluoranthene	15.34	252	4530949m	65.135	ng/ul	
89) Benzo(k)fluoranthene	15.35	252	4278500m	65.249	ng/ul	
91) Benzo(a)pyrene	15.75	252	4752631m	72.819	ng/ul	
92) Indeno(1,2,3-cd)pyrene	17.48	276	3963638m	52.789	ng/ul	
93) Dibenzo(a,h)anthracene	17.46	278	1494036m	24.023	ng/ul	
94) Benzo(g,h,i)perylene	17.97	276	4780086m	76.355	ng/ul	

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

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