Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000224.D
Acq On : 12 Sep 2019 19:20
Operator : HP/JU
Sample : K4633-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D07

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:33 AM

Quant Time: Sep 13 05:49:37 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	345802	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1280908	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	661216	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1158892	20.00	ng/ul	0.01
78) Chrysene-d12	14.22	240	547974m	20.00	ng/ul	0.08
86) Perylene-d12	15.89	264	622901m	20.00	ng/ul	0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	34708	3.56	ng/uL	0.01
5) Phenol-d5	6.52	99	675593	22.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	342811	22.26	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	576777	24.21	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	472520	21.36	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	270010	27.76	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	297390	31.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	535107	26.63	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	551737	22.20	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1419229	29.07	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1713724	28.40	ng/ul	0.00
52) 4-Nitrophenol-d4	10.05	143	180442	20.68	ng/ul	0.01
58) Fluorene-d10	10.47	176	1147472	27.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	98137	18.42	ng/ul	0.02
71) Anthracene-d10	11.52	188	1513683	26.97	ng/ul	0.01
79) Pyrene-d10	12.93	212	1396072	42.84	ng/ul	0.03
90) Benzo(a)pyrene-d12	15.83	264	588273m	18.22	ng/ul	0.24
Target Compounds						Qvalue
6) Phenol	6.53	94	110759	3.608	ng/ul	97
28) Naphthalene	8.20	128	353727	5.070	ng/ul	100
34) 2-Methylnaphthalene	8.90	142	82040	1.722	ng/ul	96
45) Dimethylphthalate	9.66	163	568048	11.530	ng/ul	100
50) Acenaphthene	9.99	153	978546	22.403	ng/ul	97
54) Dibenzofuran	10.16	168	301028	5.023	ng/ul	98
59) Fluorene	10.50	166	449801	9.703	ng/ul	97
70) Phenanthrene	11.49	178	6444999	94.041	ng/ul	94
72) Anthracene	11.54	178	2021188	29.971	ng/ul	98
75) Carbazole	11.69	167	1536238	26.643	ng/ul	99
77) Fluoranthene	12.73	202	14400019	208.321	ng/ul	95
80) Pyrene	12.97	202	13471127	325.844	ng/ul#	92
83) Benzo(a)anthracene	14.20	228	15782778m	397.889	ng/ul	
85) Chrysene	14.26	228	12245348m	336.419	ng/ul	
88) Benzo(b)fluoranthene	15.43	252	20405683	494.270	ng/ul#	96
89) Benzo(k)fluoranthene	15.46	252	21752420m	558.951	ng/ul	
91) Benzo(a)pyrene	15.83	252	16779264m	433.182	ng/ul	
92) Indeno(1,2,3-cd)pyrene	17.62	276	14690616m	329.666	ng/ul	
93) Dibenzo(a,h)anthracene	17.57	278	4020619m	108.930	ng/ul	
94) Benzo(g,h,i)perylene	18.12	276	12727542m	342.557	ng/ul	

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

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