Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000227.D
Acq On : 12 Sep 2019 20:34
Operator : HP/JU
Sample : K4633-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D11

Manual Integrations APPROVED
mohammad
9/16/2019 9:14:03 AM

Quant Time: Sep 13 06:06:30 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	246997	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	950858	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	528158	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	891650	20.00	ng/ul	0.00
78) Chrysene-d12	14.18	240	645869	20.00	ng/ul	0.04
86) Perylene-d12	15.77	264	673211	20.00	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.63	96	3037m	0.44	ng/uL	0.02
5) Phenol-d5	6.52	99	49480	2.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	29239	2.66	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	43164	2.54	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	29956	1.90	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	19827	2.75	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	20512	2.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	37074	2.49	ng/ul	0.00
29) 4-Chloroaniline-d4	8.24	131	18765	1.02	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	114779	2.94	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	139196	2.89	ng/ul	0.00
52) 4-Nitrophenol-d4	10.05	143	6945	1.00	ng/ul	0.01
58) Fluorene-d10	10.47	176	94732	2.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	4513	1.10	ng/ul	0.02
71) Anthracene-d10	11.52	188	133560	3.09	ng/ul	0.00
79) Pyrene-d10	12.92	212	122525	3.19	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.67	264	91292	2.62	ng/ul	0.08
Target Compounds						Qvalue
50) Acenaphthene	9.99	153	60575	1.736	ng/ul	97
70) Phenanthrene	11.48	178	884186	16.768	ng/ul	98
72) Anthracene	11.53	178	194875	3.756	ng/ul	99
75) Carbazole	11.69	167	88569	1.996	ng/ul	99
77) Fluoranthene	12.70	202	1703270	32.026	ng/ul	97
80) Pyrene	12.94	202	2393369	49.117	ng/ul	93
83) Benzo(a)anthracene	14.17	228	1738317	37.181	ng/ul#	89
85) Chrysene	14.21	228	2489319	58.024	ng/ul#	89
88) Benzo(b)fluoranthene	15.32	252	781728m	17.520	ng/ul	
89) Benzo(k)fluoranthene	15.32	252	556037m	13.220	ng/ul	
91) Benzo(a)pyrene	15.71	252	1894398	45.252	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	17.42	276	430096m	8.930	ng/ul	
93) Dibenzo(a,h)anthracene	17.42	278	258580m	6.482	ng/ul	
94) Benzo(g,h,i)perylene	17.91	276	610671m	15.208	ng/ul	

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

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