Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000228.D
Acq On : 12 Sep 2019 20:58
Operator : HP/JU
Sample : K4634-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D30DL

Manual Integrations APPROVED
mohammad
9/16/2019 9:14:05 AM

Quant Time: Sep 13 14:45:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 13 02:45:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	240107	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	922418	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	498056	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	919506	20.00	ng/ul	0.00
78) Chrysene-d12	14.17	240	700850	20.00	ng/ul	0.02
86) Perylene-d12	15.76	264	682858	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.63	96	2247	0.33	ng/uL	0.02
5) Phenol-d5	6.52	99	42469	2.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	22897	2.14	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	35660	2.16	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	31460	2.05	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	15298	2.18	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	15652	2.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	29104	2.01	ng/ul	0.00
29) 4-Chloroaniline-d4	8.24	131	11105	0.62	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	89307	2.43	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	109540	2.41	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	12857	1.96	ng/ul	0.00
58) Fluorene-d10	10.47	176	75060	2.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	3555	0.84	ng/ul	0.01
71) Anthracene-d10	11.52	188	115800	2.60	ng/ul	0.00
79) Pyrene-d10	12.92	212	103861	2.49	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.65	264	73215	2.07	ng/ul	0.04
Target Compounds						Qvalue
28) Naphthalene	8.20	128	62298	1.240	ng/ul	99
50) Acenaphthene	9.98	153	152903	4.647	ng/ul	96
54) Dibenzofuran	10.16	168	59767	1.324	ng/ul	99
59) Fluorene	10.50	166	61444	1.760	ng/ul	97
70) Phenanthrene	11.49	178	1531493	28.164	ng/ul	99
72) Anthracene	11.53	178	289200	5.405	ng/ul	98
75) Carbazole	11.69	167	239953	5.245	ng/ul	100
77) Fluoranthene	12.70	202	3032875	55.298	ng/ul	97
80) Pyrene	12.94	202	2773905m	52.460	ng/ul	
83) Benzo(a)anthracene	14.16	228	1754344	34.580	ng/ul	98
85) Chrysene	14.20	228	1981587	42.565	ng/ul	98
88) Benzo(b)fluoranthene	15.30	252	1406519	31.078	ng/ul	95
89) Benzo(k)fluoranthene	15.31	252	1264707m	29.645	ng/ul	
91) Benzo(a)pyrene	15.70	252	1231991m	29.013	ng/ul	
92) Indeno(1,2,3-cd)pyrene	17.39	276	854873	17.499	ng/ul	99
93) Dibenzo(a,h)anthracene	17.39	278	243608m	6.021	ng/ul	
94) Benzo(g,h,i)perylene	17.87	276	742052	18.218	ng/ul	94

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

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