Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000211.D
Acq On : 12 Sep 2019 12:25
Operator : HP/JU
Sample : K4634-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D33

Manual Integrations APPROVED
mohammad
9/16/2019 9:09:02 AM

Quant Time: Sep 13 13:08:29 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	398752	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1506293	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	777149	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1305960	20.00	ng/ul	0.00
78) Chrysene-d12	14.18	240	820252	20.00	ng/ul	0.04
86) Perylene-d12	15.76	264	932125m	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	30126	2.68	ng/uL	0.01
5) Phenol-d5	6.51	99	570045	16.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	307651	17.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	482533	17.57	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	429625	16.84	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	229030	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	245083	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	431589	18.26	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	254941	8.72	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1178193	20.53	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1386164	19.55	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	138452	13.50	ng/ul	0.00
58) Fluorene-d10	10.47	176	936310	19.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.54	200	60479	10.08	ng/ul	0.01
71) Anthracene-d10	11.52	188	1246517	19.71	ng/ul	0.00
79) Pyrene-d10	12.92	212	1127964	23.12	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.66	264	977779	20.24	ng/ul	0.07
Target Compounds						Qvalue
6) Phenol	6.52	94	105531	2.981	ng/ul	97
14) Acetophenone	7.29	105	51371	1.342	ng/ul	99
45) Dimethylphthalate	9.66	163	271977	4.697	ng/ul	99
50) Acenaphthene	9.98	153	108982	2.123	ng/ul	99
70) Phenanthrene	11.49	178	2569537	33.271	ng/ul	99
72) Anthracene	11.53	178	566628	7.456	ng/ul	99
75) Carbazole	11.69	167	451411	6.947	ng/ul	99
77) Fluoranthene	12.72	202	7324733	94.032	ng/ul	97
80) Pyrene	12.95	202	6835658	110.458	ng/ul	94
83) Benzo(a)anthracene	14.17	228	4957115	83.487	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	14.17	149	56446	1.674	ng/ul#	86
85) Chrysene	14.21	228	4663611	85.594	ng/ul	98
88) Benzo(b)fluoranthene	15.31	252	4150884m	67.189	ng/ul	
89) Benzo(k)fluoranthene	15.32	252	3814570m	65.502	ng/ul	
91) Benzo(a)pyrene	15.70	252	3654287m	63.044	ng/ul	
92) Indeno(1,2,3-cd)pyrene	17.37	276	2363897m	35.449	ng/ul	
93) Dibenzo(a,h)anthracene	17.37	278	630880	11.422	ng/ul	95
94) Benzo(g,h,i)perylene	17.85	276	2310581m	41.558	ng/ul	

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

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