Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042228.D
Acq On : 15 Aug 2019 14:19
Operator : HP/JU
Sample : K4183-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AF4

Manual Integrations APPROVED
mohammad
8/19/2019 5:31:40 PM

Quant Time: Aug 27 02:06:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	76906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	318208	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	213996	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	429757	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	427199	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	510013	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	2787	1.59	ng/uL	0.00
5) Phenol-d5	7.18	99	73727	12.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	36099	10.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	68479	13.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	59696	11.78	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	32383	13.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	39913	14.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	76363	13.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	31481	5.05	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	226489	13.65	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	258126	13.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	26961	9.67	ng/ul	0.00
57) Fluorene-d10	15.68	176	196530	13.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	18334	6.65	ng/ul	0.00
70) Anthracene-d10	17.53	188	296748	14.39	ng/ul	0.00
78) Pyrene-d10	19.82	212	328988	13.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	370405	13.90	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.21	94	9511	1.527	ng/ul	96
44) Dimethylphthalate	14.13	163	67280	4.083	ng/ul	98
69) Phenanthrene	17.48	178	145562	6.187	ng/ul	99
71) Anthracene	17.57	178	30152	1.264	ng/ul	97
74) Carbazole	17.84	167	20999	1.062	ng/ul#	97
76) Fluoranthene	19.49	202	354517	13.041	ng/ul	97
79) Pyrene	19.85	202	321235	11.179	ng/ul	96
82) Benzo(a)anthracene	21.70	228	175834	5.936	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.61	149	19714	1.277	ng/ul#	93
84) Chrysene	21.77	228	198554	7.182	ng/ul	96
87) Benzo(b)fluoranthene	23.96	252	300791	9.398	ng/ul#	91
88) Benzo(k)fluoranthene	24.03	252	127087m	4.130	ng/ul	
90) Benzo(a)pyrene	24.85	252	196346	6.438	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	28.75	276	129598	3.643	ng/ul	94
93) Benzo(g,h,i)perylene	29.92	276	111183m	3.743	ng/ul	

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

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