Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042227.D
Acq On : 15 Aug 2019 13:41
Operator : HP/JU
Sample : K4183-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AF2

Manual Integrations APPROVED
mohammad
8/19/2019 5:15:42 PM

Quant Time: Aug 16 11:42:17 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	8.02	152	69985	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	295143	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	201510	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	411893	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	396493	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	476707	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	3374	2.11	ng/uL	0.00
5) Phenol-d5	7.18	99	90084	16.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	45076	14.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	83685	17.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	66119	14.34	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	40723	18.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	51157	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	95878	18.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	63234	10.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	302418	19.35	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	347046	19.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	35914m	13.69	ng/ul	0.00
57) Fluorene-d10	15.68	176	271368	19.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	31607	11.96	ng/ul	0.00
70) Anthracene-d10	17.54	188	412019	20.85	ng/ul	0.00
78) Pyrene-d10	19.82	212	446168	20.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	514066	20.64	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	13977	2.465	ng/ul	94
14) Acetophenone	8.85	105	21491	3.030	ng/ul	98
44) Dimethylphthalate	14.13	163	89057	5.739	ng/ul	98
69) Phenanthrene	17.48	178	36209	1.606	ng/ul	97
76) Fluoranthene	19.49	202	166473	6.390	ng/ul	97
79) Pyrene	19.85	202	141153	5.292	ng/ul	96
82) Benzo(a)anthracene	21.70	228	79008	2.874	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	22317	1.558	ng/ul	97
84) Chrysene	21.77	228	100974	3.935	ng/ul	96
87) Benzo(b)fluoranthene	23.95	252	158019	5.282	ng/ul#	95
88) Benzo(k)fluoranthene	24.01	252	60619m	2.107	ng/ul	
90) Benzo(a)pyrene	24.83	252	98312	3.449	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	28.71	276	73306	2.205	ng/ul	97
93) Benzo(g,h,i)perylene	29.89	276	70509	2.540	ng/ul#	93

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

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