Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041942.D
Acq On : 4 Aug 2019 14:24
Operator : HP/JU
Sample : K3850-02DL 10X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENP1DL

Manual Integrations APPROVED
mohammad
8/6/2019 12:18:41 PM

Quant Time: Aug 05 03:07:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	83130	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	329074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	216382	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.46	188	426392	20.00	ng/ul	0.00
77) Chrysene-d12	21.75	240	430883	20.00	ng/ul	0.02
85) Perylene-d12	25.03	264	467662	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	403	0.21	ng/uL	0.00
5) Phenol-d5	7.19	99	14939	2.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	7676	2.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	12973	2.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	11405	2.08	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	6255	2.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	7041	2.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	14118	2.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	20325	3.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	43533	2.59	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	55305	2.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.90	143	5223	1.85	ng/ul	0.03
57) Fluorene-d10	15.69	176	39572	2.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.82	200	1713m	0.63	ng/ul	0.02
70) Anthracene-d10	17.55	188	60151	2.94	ng/ul	0.00
78) Pyrene-d10	19.84	212	69267	2.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.80	264	63694	2.61	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.91	128	327513	19.468	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	312548	23.374	ng/ul	99
40) 1,1'-Biphenyl	13.53	154	49784	3.164	ng/ul	98
49) Acenaphthene	14.76	153	439292	32.470	ng/ul	98
53) Dibenzofuran	15.09	168	73279	3.629	ng/ul	90
58) Fluorene	15.75	166	353165	21.715	ng/ul	98
69) Phenanthrene	17.50	178	3098645m	132.744	ng/ul	
71) Anthracene	17.59	178	1065228	44.993	ng/ul	98
74) Carbazole	17.85	167	74770	3.813	ng/ul#	91
76) Fluoranthene	19.51	202	2473762	91.720	ng/ul#	95
79) Pyrene	19.88	202	3564041m	122.967	ng/ul	
82) Benzo(a)anthracene	21.73	228	2411555	80.721	ng/ul#	87
83) Bis(2-ethylhexyl)phthalate	21.63	149	101326	6.510	ng/ul	97
84) Chrysene	21.80	228	2375196	85.182	ng/ul#	87
87) Benzo(b)fluoranthene	24.00	252	1793167	61.100	ng/ul	97
88) Benzo(k)fluoranthene	24.05	252	731757m	25.932	ng/ul	
90) Benzo(a)pyrene	24.88	252	1782271	63.729	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	28.79	276	534185	16.376	ng/ul	94
92) Dibenzo(a,h)anthracene	28.83	278	210490m	7.911	ng/ul	
93) Benzo(g,h,i)perylene	29.95	276	509621	18.713	ng/ul	98

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

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