Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041911.D
Acq On : 3 Aug 2019 15:54
Operator : HP/JU
Sample : K3850-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS5

Manual Integrations APPROVED
mohammad
8/6/2019 12:18:07 PM

Quant Time: Aug 04 02:20:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	84778	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	356596	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	248026	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	494360	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	504455	20.00	ng/ul	0.01
85) Perylene-d12	25.03	264	563719	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	4237	2.19	ng/uL	0.00
5) Phenol-d5	7.18	99	95834	14.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	56900	15.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	91157	16.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	73067	13.08	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	45689	17.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	54674	17.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	100816	16.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	26047	3.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	324260	16.86	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	385139	17.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	22796	7.06	ng/ul	0.00
57) Fluorene-d10	15.69	176	291098	17.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	10558	3.33	ng/ul	0.00
70) Anthracene-d10	17.55	188	414341	17.47	ng/ul	0.00
78) Pyrene-d10	19.84	212	481247	17.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.80	264	512391	17.40	ng/ul	0.04
Target Compounds						Qvalue
4) Benzaldehyde	7.16	77	5558	1.768	ng/ul	85
6) Phenol	7.21	94	7551	1.100	ng/ul#	84
14) Acetophenone	8.86	105	22475	2.616	ng/ul	93
30) 4-Chloroaniline	11.02	127	67223	9.581	ng/ul	97
44) Dimethylphthalate	14.14	163	106810	5.592	ng/ul#	96
47) Acenaphthylene	14.42	152	22288	1.005	ng/ul	96
66) Hexachlorobenzene	16.75	284	21328	3.245	ng/ul#	85
69) Phenanthrene	17.49	178	185704	6.862	ng/ul	99
71) Anthracene	17.58	178	31924	1.163	ng/ul	98
76) Fluoranthene	19.50	202	439544m	14.056	ng/ul	
79) Pyrene	19.87	202	383925	11.314	ng/ul	96
82) Benzo(a)anthracene	21.72	228	225322	6.442	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.63	149	258473	14.184	ng/ul	98
84) Chrysene	21.78	228	260151	7.969	ng/ul#	96
87) Benzo(b)fluoranthene	23.99	252	409801	11.584	ng/ul#	94
88) Benzo(k)fluoranthene	24.05	252	130768m	3.845	ng/ul	
90) Benzo(a)pyrene	24.87	252	260026	7.713	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	28.79	276	163114	4.148	ng/ul#	93
92) Dibenzo(a,h)anthracene	28.83	278	40322m	1.257	ng/ul	
93) Benzo(g,h,i)perylene	29.96	276	175152	5.335	ng/ul	98

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

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