Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041918.D
Acq On : 3 Aug 2019 21:06
Operator : HP/JU
Sample : K3922-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A52F0MS

Manual Integrations APPROVED
mohammad
8/5/2019 3:02:24 PM

Quant Time: Aug 04 02:53:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 02:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	78111	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.86	136	328463	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	231584	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.45	188	493216	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	481900	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	545962	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	2632	1.47	ng/uL	0.00
5) Phenol-d5	7.18	99	104478	17.04	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.35	67	53680	15.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	86561	16.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	98561	19.15	ng/ul	-0.01
19) Nitrobenzene-d5	9.20	128	47982	19.41	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.93	143	61293	21.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	123220	21.26	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.99	131	90198	14.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	431502	24.02	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	486272	23.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	59999	19.89	ng/ul	0.00
57) Fluorene-d10	15.69	176	383307	23.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	37208	11.76	ng/ul	0.00
70) Anthracene-d10	17.54	188	602983	25.48	ng/ul	0.00
78) Pyrene-d10	19.83	212	716488	26.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	777703	27.27	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	110071	17.395	ng/ul	98
10) 2-Chlorophenol	7.59	128	86192	16.224	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.85	70	80517	19.256	ng/ul	98
33) 4-Chloro-3-methylphenol	12.14	107	129590	22.886	ng/ul	96
44) Dimethylphthalate	14.14	163	142132	7.970	ng/ul	99
49) Acenaphthene	14.76	153	332914	22.992	ng/ul	99
52) 4-Nitrophenol	14.89	109	46249	20.695	ng/ul	89
54) 2,4-Dinitrotoluene	15.05	165	128048	22.704	ng/ul	92
68) Pentachlorophenol	17.10	266	93763	26.251	ng/ul	99
69) Phenanthrene	17.49	178	127483	4.721	ng/ul	97
76) Fluoranthene	19.50	202	395474	12.676	ng/ul	97
79) Pyrene	19.86	202	1124908	34.703	ng/ul	100
82) Benzo(a)anthracene	21.71	228	140477	4.204	ng/ul	98
84) Chrysene	21.78	228	189150	6.065	ng/ul	98
87) Benzo(b)fluoranthene	23.96	252	281748	8.223	ng/ul	98
88) Benzo(k)fluoranthene	24.02	252	85755m	2.603	ng/ul	
90) Benzo(a)pyrene	24.85	252	165548	5.071	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.73	276	112427	2.952	ng/ul	97
93) Benzo(g,h,i)perylene	29.89	276	102650	3.229	ng/ul	95

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

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