Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041908.D
Acq On : 3 Aug 2019 13:59
Operator : HP/JU
Sample : K3850-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENQ0

Manual Integrations APPROVED
mohammad
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Quant Time: Aug 04 02:05:18 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	8.04	152	97322	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	408573	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	275262	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	545217m	20.00	ng/ul	0.00
77) Chrysene-d12	21.75	240	546770	20.00	ng/ul	0.03
85) Perylene-d12	25.04	264	635711m	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	7125	3.20	ng/uL	0.00
5) Phenol-d5	7.18	99	33774	4.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	102653	24.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	80986	12.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	35080	5.47	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	80450	26.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	85174	23.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	108507	15.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	35646	4.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	523218	24.51	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	626847	25.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	4704	1.31	ng/ul	0.02
57) Fluorene-d10	15.69	176	469501	24.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	6410m	1.83	ng/ul	0.02
70) Anthracene-d10	17.55	188	706620	27.01	ng/ul	0.02
78) Pyrene-d10	19.84	212	831478	27.25	ng/ul	0.02
89) Benzo(a)pyrene-d12	24.82	264	893362	26.90	ng/ul	0.06
Target Compounds						Qvalue
4) Benzaldehyde	7.16	77	6830	1.893	ng/ul	96
6) Phenol	7.21	94	10771	1.366	ng/ul	98
14) Acetophenone	8.86	105	41738	4.232	ng/ul	99
28) Naphthalene	10.91	128	251296	12.031	ng/ul	98
34) 2-Methylnaphthalene	12.52	142	254093	15.305	ng/ul	99
40) 1,1'-Biphenyl	13.52	154	50843	2.540	ng/ul	99
44) Dimethylphthalate	14.14	163	224088	10.572	ng/ul	99
49) Acenaphthene	14.76	153	470767	27.354	ng/ul	99
53) Dibenzofuran	15.09	168	93128	3.626	ng/ul	92
58) Fluorene	15.74	166	384609	18.590	ng/ul	97
69) Phenanthrene	17.51	178	3950712m	132.361	ng/ul	
71) Anthracene	17.59	178	1381018	45.619	ng/ul	96
74) Carbazole	17.85	167	102717m	4.096	ng/ul	
76) Fluoranthene	19.52	202	3954478m	114.665	ng/ul	
79) Pyrene	19.89	202	5213573	141.754	ng/ul#	54
82) Benzo(a)anthracene	21.74	228	4312319	113.751	ng/ul#	62
83) Bis(2-ethylhexyl)phthalate	21.63	149	28825	1.459	ng/ul#	76
84) Chrysene	21.81	228	4502805	127.258	ng/ul#	60
87) Benzo(b)fluoranthene	24.02	252	4728162m	118.518	ng/ul	
88) Benzo(k)fluoranthene	24.08	252	1596474m	41.621	ng/ul	
90) Benzo(a)pyrene	24.92	252	4157343m	109.358	ng/ul	
91) Indeno(1,2,3-cd)pyrene	28.82	276	1611935	36.353	ng/ul	96
92) Dibenzo(a,h)anthracene	28.85	278	607339	16.792	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	30.00	276	1569395	42.393	ng/ul	97

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

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