Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041909.D
Acq On : 3 Aug 2019 14:38
Operator : HP/JU
Sample : K3850-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENS0

Manual Integrations APPROVED
mohammad
8/6/2019 12:17:57 PM

Quant Time: Aug 04 02:13:48 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	8.04	152	91317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	376340	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	249267	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	505093	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	489346	20.00	ng/ul	0.02
85) Perylene-d12	25.02	264	565138	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	4996	2.39	ng/uL	0.00
5) Phenol-d5	7.19	99	125406	17.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	73975	18.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	115354	18.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	88542	14.72	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	57173	20.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	69943	21.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	128298	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	68434	9.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	413524	21.39	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	477539	21.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	34956	10.77	ng/ul	0.00
57) Fluorene-d10	15.69	176	365107	21.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	14487	4.47	ng/ul	0.01
70) Anthracene-d10	17.55	188	536554	22.14	ng/ul	0.01
78) Pyrene-d10	19.84	212	605257	22.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.80	264	667902	22.62	ng/ul	0.04
Target Compounds						Qvalue
4) Benzaldehyde	7.17	77	4590	1.356	ng/ul#	78
6) Phenol	7.21	94	10862	1.468	ng/ul#	89
14) Acetophenone	8.86	105	40485	4.375	ng/ul	95
44) Dimethylphthalate	14.14	163	158119	8.237	ng/ul	99
49) Acenaphthene	14.76	153	127376	8.173	ng/ul	99
53) Dibenzofuran	15.09	168	33658	1.447	ng/ul	96
58) Fluorene	15.75	166	84126	4.490	ng/ul	93
69) Phenanthrene	17.49	178	1160790	41.979	ng/ul	96
71) Anthracene	17.59	178	384747	13.719	ng/ul	99
74) Carbazole	17.84	167	69296	2.983	ng/ul	97
76) Fluoranthene	19.51	202	2590043	81.068	ng/ul#	93
79) Pyrene	19.87	202	2475554m	75.208	ng/ul	
82) Benzo(a)anthracene	21.72	228	2081059	61.336	ng/ul#	90
84) Chrysene	21.79	228	2032900	64.196	ng/ul#	90
87) Benzo(b)fluoranthene	23.99	252	2822657	79.589	ng/ul	94
88) Benzo(k)fluoranthene	24.05	252	1096064m	32.143	ng/ul	
90) Benzo(a)pyrene	24.88	252	2138089	63.265	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	28.77	276	962338	24.413	ng/ul	96
92) Dibenzo(a,h)anthracene	28.81	278	279043m	8.679	ng/ul	
93) Benzo(g,h,i)perylene	29.94	276	778526	23.656	ng/ul	97

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

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