Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041904.D
Acq On : 3 Aug 2019 11:26
Operator : HP/JU
Sample : K3850-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENQ3

Manual Integrations APPROVED
mohammad
8/6/2019 12:17:48 PM

Quant Time: Aug 04 00:58:56 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	109085	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	444003	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	291939	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	570149	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	575625	20.00	ng/ul	0.02
85) Perylene-d12	25.03	264	674684	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	1219	0.49	ng/uL	0.00
5) Phenol-d5	7.18	99	3873	0.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	15286	3.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	8399	1.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	2829	0.39	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	10406	3.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	9515	2.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	11361	1.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	7410	0.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	76183	3.36	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	99464	3.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.90	143	2212m	0.58	ng/ul	0.03
57) Fluorene-d10	15.69	176	74792	3.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.82	200	1180	0.32	ng/ul	0.03
70) Anthracene-d10	17.55	188	112498	4.11	ng/ul	0.00
78) Pyrene-d10	19.84	212	126573	3.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	134014	3.80	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.91	128	275500	12.137	ng/ul	97
34) 2-Methylnaphthalene	12.52	142	293100	16.246	ng/ul	98
40) 1,1'-Biphenyl	13.52	154	54468	2.566	ng/ul	96
44) Dimethylphthalate	14.14	163	29074	1.293	ng/ul	96
49) Acenaphthene	14.76	153	442540	24.245	ng/ul	100
53) Dibenzofuran	15.09	168	85077	3.123	ng/ul	93
58) Fluorene	15.74	166	372848	16.992	ng/ul#	99
69) Phenanthrene	17.50	178	3494328m	111.951	ng/ul	
71) Anthracene	17.58	178	1136562	35.902	ng/ul	98
74) Carbazole	17.85	167	74539	2.842	ng/ul#	91
76) Fluoranthene	19.51	202	2853314	79.118	ng/ul#	89
79) Pyrene	19.87	202	3867653	99.888	ng/ul#	76
82) Benzo(a)anthracene	21.73	228	2741023	68.679	ng/ul#	83
84) Chrysene	21.79	228	2842440	76.306	ng/ul#	85
87) Benzo(b)fluoranthene	23.99	252	2280767	53.868	ng/ul	96
88) Benzo(k)fluoranthene	24.05	252	954210m	23.440	ng/ul	
90) Benzo(a)pyrene	24.88	252	2278742	56.479	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	28.78	276	829559	17.628	ng/ul	96
92) Dibenzo(a,h)anthracene	28.82	278	304936	7.944	ng/ul	95
93) Benzo(g,h,i)perylene	29.94	276	878398	22.357	ng/ul	97

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

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