Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028431.D
Acq On : 22 Aug 2017 23:57
Operator : SJ/JU
Sample : I4827-06 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB5

Manual Integrations APPROVED
Sohil
8/23/2017 3:02:30 PM

Quant Time: Aug 23 08:00:17 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	41173	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	198162	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	143652	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	317386m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	356419	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	350759	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	636	0.72	ng/uL	0.00
5) Phenol-d5	7.50	99	17955	3.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	10661	3.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	12884	4.52	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	16368	4.33	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	7270	4.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	9502	5.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	17156	4.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	16248	4.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	57614	4.51	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	65024	4.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	4424	2.18	ng/ul	0.01
57) Fluorene-d10	15.94	176	50962	4.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	4797m	2.33	ng/ul	0.00
70) Anthracene-d10	17.80	188	77857	5.12	ng/ul	0.00
76) Pyrene-d10	20.08	212	90845	4.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	81234	4.95	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.22	128	116847	11.906	ng/ul	99
34) 2-Methylnaphthalene	12.80	142	53054	6.730	ng/ul	85
40) 1,1'-Biphenyl	13.78	154	19515	1.860	ng/ul#	86
44) Dimethylphthalate	14.38	163	16601	1.411	ng/ul	99
47) Acenaphthylene	14.68	152	29433	2.138	ng/ul	95
49) Acenaphthene	15.01	153	109443	11.782	ng/ul	93
53) Dibenzofuran	15.35	168	161096	11.895	ng/ul	99
58) Fluorene	15.99	166	195561	16.310	ng/ul	98
69) Phenanthrene	17.75	178	2032821m	127.269	ng/ul	
71) Anthracene	17.84	178	392831	24.064	ng/ul	99
72) Carbazole	18.10	167	177981	12.536	ng/ul	98
74) Fluoranthene	19.75	202	2218000	114.262	ng/ul	98
77) Pyrene	20.11	202	1940325	91.248	ng/ul	99
80) Benzo(a)anthracene	22.02	228	983098	47.738	ng/ul	97
82) Chrysene	22.09	228	941425	50.759	ng/ul	96
85) Benzo(b)fluoranthene	24.43	252	1142730m	54.442	ng/ul	
86) Benzo(k)fluoranthene	24.49	252	353152	17.225	ng/ul	97
88) Benzo(a)pyrene	25.38	252	868297m	42.725	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.57	276	530844	22.305	ng/ul	99
90) Dibenzo(a,h)anthracene	29.61	278	134352	6.735	ng/ul	97
91) Benzo(g,h,i)perylene	30.84	276	442255	22.588	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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