Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082317\
Data File : BG028445.D
Acq On : 23 Aug 2017 11:28
Operator : SJ/JU
Sample : I4827-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AB6

Manual Integrations APPROVED
Sohil
8/24/2017 4:38:21 PM

Quant Time: Aug 24 01:58:40 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 24 01:29:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	36931	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	164216	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	107699	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	241300	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	288193	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	266222m	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	3953	4.98	ng/uL	0.00
5) Phenol-d5	7.50	99	100257	24.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	63819	24.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	75080	29.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	87129	25.70	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	40553	31.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	46256	32.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	91009	31.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	80255	24.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	305157	31.86	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	351507	32.55	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	8230	5.40	ng/ul	0.02
57) Fluorene-d10	15.94	176	253411	29.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	4943	3.15	ng/ul	0.00
70) Anthracene-d10	17.81	188	388095	33.54	ng/ul	0.00
76) Pyrene-d10	20.08	212	449834	30.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	428817m	34.41	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.53	94	6689	1.659	ng/ul	95
28) Naphthalene	11.21	128	36835	4.529	ng/ul	96
34) 2-Methylnaphthalene	12.80	142	22064	3.377	ng/ul	88
40) 1,1'-Biphenyl	13.78	154	9777	1.243	ng/ul#	90
44) Dimethylphthalate	14.39	163	116762	13.238	ng/ul#	98
47) Acenaphthylene	14.68	152	23200	2.248	ng/ul#	88
49) Acenaphthene	15.02	153	46992	6.748	ng/ul	94
53) Dibenzofuran	15.35	168	51604	5.082	ng/ul	99
58) Fluorene	16.00	166	56311	6.264	ng/ul	92
69) Phenanthrene	17.75	178	1183465	97.456	ng/ul	98
71) Anthracene	17.84	178	193715	15.608	ng/ul	98
72) Carbazole	18.11	167	80450	7.453	ng/ul	98
74) Fluoranthene	19.75	202	1926558	130.543	ng/ul	99
77) Pyrene	20.12	202	1913558	111.293	ng/ul	98
80) Benzo(a)anthracene	22.02	228	1022603	61.412	ng/ul	96
82) Chrysene	22.09	228	1055698	70.396	ng/ul	96
85) Benzo(b)fluoranthene	24.44	252	1184295m	74.339	ng/ul	
86) Benzo(k)fluoranthene	24.50	252	410002m	26.347	ng/ul	
88) Benzo(a)pyrene	25.39	252	909971m	58.994	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.59	276	481650m	26.665	ng/ul	
90) Dibenzo(a,h)anthracene	29.63	278	122935m	8.120	ng/ul	
91) Benzo(g,h,i)perylene	30.86	276	354691m	23.869	ng/ul	

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

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