Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082917\
Data File : BG028541.D
Acq On : 29 Aug 2017 19:23
Operator : SJ/JU
Sample : I4960-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-POST1

Manual Integrations APPROVED
Sohil
8/30/2017 6:48:43 PM

Quant Time: Aug 30 15:10:59 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 30 01:19:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	56253	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	220305m	20.00	ng/ul	0.18
35) Acenaphthene-d10	14.96	164	139553	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	309752	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	365942	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	362922	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	2608m	2.16	ng/uL	0.00
5) Phenol-d5	7.50	99	89234	14.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	71120	18.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	74268	19.06	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	82025	15.89	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	42697	24.79	ng/ul	0.02
22) 2-Nitrophenol-d4	10.29	143	54100m	28.64	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.86	165	87921	22.50	ng/ul	0.07
29) 4-Chloroaniline-d4	11.38	131	109433	25.16	ng/ul	0.08
43) Dimethylphthalate-d6	14.35	166	296384	23.88	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	338480	24.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	30021	15.21	ng/ul	0.00
57) Fluorene-d10	15.95	176	245702	22.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	32038	15.92	ng/ul	0.00
70) Anthracene-d10	17.80	188	358110	24.11	ng/ul	0.00
76) Pyrene-d10	20.08	212	420518	22.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	379822	22.36	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.53	94	9570	1.559	ng/ul	90
28) Naphthalene	11.37	128	133684	12.252	ng/ul	100
34) 2-Methylnaphthalene	12.81	142	9587	1.094	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	13.19	216	2508986m	557.778	ng/ul	
39) 2,4,5-Trichlorophenol	13.49	196	5769	1.888	ng/ul#	92
44) Dimethylphthalate	14.40	163	105355	9.219	ng/ul#	98
49) Acenaphthene	15.02	153	14041	1.556	ng/ul	91
53) Dibenzofuran	15.35	168	20300	1.543	ng/ul	89
58) Fluorene	16.00	166	27426	2.355	ng/ul	98
69) Phenanthrene	17.75	178	284596	18.257	ng/ul	98
71) Anthracene	17.84	178	32179m	2.020	ng/ul	
72) Carbazole	18.11	167	18685	1.349	ng/ul#	76
74) Fluoranthene	19.75	202	425453	22.458	ng/ul	100
77) Pyrene	20.11	202	345841	15.841	ng/ul#	96
80) Benzo(a)anthracene	22.02	228	77058	3.644	ng/ul#	82
81) Bis(2-ethylhexyl)phthalate	21.86	149	62282	5.354	ng/ul#	93
82) Chrysene	22.09	228	146256	7.681	ng/ul#	91
85) Benzo(b)fluoranthene	24.44	252	140273m	6.459	ng/ul	
86) Benzo(k)fluoranthene	24.49	252	43969m	2.073	ng/ul	
88) Benzo(a)pyrene	25.40	252	90085	4.284	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.59	276	55037	2.235	ng/ul#	96
91) Benzo(g,h,i)perylene	30.87	276	44953	2.219	ng/ul#	86

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

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