Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028302.D
Acq On : 11 Aug 2017 22:54
Operator : SJ/JU
Sample : I4550-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AF5

Manual Integrations APPROVED
sohil
8/14/2017 6:59:00 PM

Quant Time: Aug 12 00:55:35 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 22:57:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	41822	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	189248	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	132244	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	297726	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	328164	20.00	ng/ul	0.01
83) Perylene-d12	25.56	264	324492	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.83	96	2837	3.16	ng/uL	0.00
5) Phenol-d5	7.51	99	70271	15.30	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.67	67	50359	17.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	43976	15.18	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	57360	14.94	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	30581	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	15193	9.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	45229	13.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	56159	15.03	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	232605	19.78	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	268900	20.28	ng/ul	0.00
51) 4-Nitrophenol-d4	15.18	143	2310	1.24	ng/ul	0.03
57) Fluorene-d10	15.95	176	201710	19.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	1182	0.61	ng/ul	0.01
70) Anthracene-d10	17.81	188	302645m	21.20	ng/ul	0.00
76) Pyrene-d10	20.09	212	353436	21.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	322471	21.23	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.54	94	10400	2.278	ng/ul#	91
28) Naphthalene	11.23	128	17239	1.839	ng/ul	97
34) 2-Methylnaphthalene	12.81	142	11944	1.586	ng/ul	91
44) Dimethylphthalate	14.40	163	64488	5.955	ng/ul	99
49) Acenaphthene	15.03	153	14630	1.711	ng/ul	87
53) Dibenzofuran	15.36	168	19219	1.542	ng/ul	88
58) Fluorene	16.01	166	22853	2.070	ng/ul	97
69) Phenanthrene	17.75	178	391158	26.106	ng/ul	98
71) Anthracene	17.85	178	66706	4.356	ng/ul	98
72) Carbazole	18.12	167	40064	3.008	ng/ul	96
74) Fluoranthene	19.75	202	575766	31.620	ng/ul	98
77) Pyrene	20.12	202	488032	24.927	ng/ul	99
80) Benzo(a)anthracene	22.03	228	238914	12.600	ng/ul	99
82) Chrysene	22.10	228	233417	13.669	ng/ul	96
85) Benzo(b)fluoranthene	24.44	252	311732	16.054	ng/ul#	98
86) Benzo(k)fluoranthene	24.50	252	101531m	5.353	ng/ul	
88) Benzo(a)pyrene	25.40	252	228784	12.169	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.58	276	160491	7.290	ng/ul	98
90) Dibenzo(a,h)anthracene	29.63	278	38723	2.098	ng/ul#	90
91) Benzo(g,h,i)perylene	30.86	276	124322	6.864	ng/ul#	92

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

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