Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025227.D
Acq On : 16 Dec 2016 1:11
Operator : UM/SJ
Sample : H5995-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA863

Manual Integrations APPROVED
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12/16/2016 6:21:21 PM

Quant Time: Dec 16 07:59:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:54:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	79204	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	342788	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	274851	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	528902	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	676146	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	690002	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	2808	1.83	ng/uL	0.00
5) Phenol-d5	7.39	99	82503	12.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	48383	11.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	58204	12.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	67983	11.91	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	29560	12.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	38083	12.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	73247	12.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	6072	1.06	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	231035	12.22	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	281238	13.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	30953	9.53	ng/ul	0.01
57) Fluorene-d10	15.84	176	206996	11.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	35160	10.75	ng/ul	0.00
70) Anthracene-d10	17.70	188	309873	13.88	ng/ul	0.00
76) Pyrene-d10	19.97	212	369245	13.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	362436	12.96	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	40575	5.79	ng/ul	95
11) 2-Methylphenol	8.67	108	22335	4.33	ng/ul	89
14) Acetophenone	9.07	105	10639	1.22	ng/ul	86
16) 4-Methylphenol	9.01	108	36241	6.31	ng/ul	97
24) 2,4-Dimethylphenol	10.22	107	74447m	10.61	ng/ul	
28) Naphthalene	11.11	128	68734	4.31	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	32279	2.57	ng/ul	98
44) Dimethylphthalate	14.30	163	48793	2.63	ng/ul	98
49) Acenaphthene	14.92	153	107409	7.79	ng/ul	96
53) Dibenzofuran	15.25	168	72164	3.31	ng/ul	94
58) Fluorene	15.90	166	80899	4.56	ng/ul	92
69) Phenanthrene	17.64	178	679926	26.93	ng/ul	98
71) Anthracene	17.73	178	153919	5.93	ng/ul	97
72) Carbazole	18.00	167	95298	4.40	ng/ul	97
73) Di-n-butylphthalate	18.52	149	40703	1.49	ng/ul#	84
74) Fluoranthene	19.64	202	891135	29.71	ng/ul	100
77) Pyrene	20.00	202	802553	24.69	ng/ul	97
80) Benzo(a)anthracene	21.87	228	486694	13.85	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.73	149	4911465	280.40	ng/ul#	54
82) Chrysene	21.95	228	480839	14.63	ng/ul	98
85) Benzo(b)fluoranthene	24.22	252	647297m	18.92	ng/ul	
86) Benzo(k)fluoranthene	24.28	252	266708m	8.20	ng/ul	
88) Benzo(a)pyrene	25.15	252	497586	15.13	ng/ul	98

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89) Indeno(1,2,3-cd)pyrene	29.24	276	362919m	8.88	ng/ul	
91) Benzo(g,h,i)perylene	30.48	276	293960m	8.62	ng/ul	

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

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