Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021218\
Data File : BG032646.D
Acq On : 12 Feb 2018 12:42
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 12 17:30:08 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 15:32:23 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	28572	20.00	ng		0.00
21) Naphthalene-d8	11.55	136	120915	20.00	ng		0.00
38) Acenaphthene-d10	15.31	164	92655	20.00	ng		0.00
63) Phenanthrene-d10	18.05	188	240024	20.00	ng		0.00
75) Chrysene-d12	22.37	240	307445	20.00	ng		0.00
86) Perylene-d12	26.02	264	320450	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0d	0.00	ng		
7) Phenol-d6	0.00	99	0d	0.00	ng		
23) Nitrobenzene-d5	9.88	82	7099	3.67	ng		0.00
41) 2,4,6-Tribromophenol	16.79	330	5963m	3.38	ng		0.00
44) 2-Fluorobiphenyl	13.94	172	35359	4.54	ng		0.00
78) Terphenyl-d14	20.59	244	69081	4.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	1835	3.83	ng	#	59
12) 1,3-Dichlorobenzene	8.56	146	5511	2.42	ng	#	81
13) 1,4-Dichlorobenzene	8.71	146	5922m	2.60	ng		
14) 1,2-Dichlorobenzene	9.04	146	5608	2.51	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.19	45	3869	2.97	ng		63
18) Hexachloroethane	9.79	117	2030	2.65	ng	#	75
19) n-Nitroso-di-n-propylamine	9.48	70	2651	2.11	ng	#	98
24) Nitrobenzene	9.95	77	5261m	2.81	ng		
25) Isophorone	10.43	82	8792	2.67	ng	#	84
30) 1,2,4-Trichlorobenzene	11.41	180	6987	2.44	ng	#	77
31) Naphthalene	11.60	128	14527	2.46	ng	#	94
34) Hexachlorobutadiene	11.87	225	6287	2.82	ng	#	86
37) 2-Methylnaphthalene	13.17	142	11529	2.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	10397	2.40	ng	#	92
45) 1,1'-Biphenyl	14.15	154	17054	2.18	ng		93
46) 2-Chloronaphthalene	14.21	162	13642	2.22	ng		96
48) Acenaphthylene	15.04	152	20251	2.18	ng	#	94
49) Dimethylphthalate	14.74	163	19219	2.25	ng	#	98
51) Acenaphthene	15.37	154	13817	2.15	ng		88
54) Dibenzofuran	15.71	168	21820	2.29	ng		91
57) Fluorene	16.35	166	17656	2.23	ng	#	89
58) 2,3,4,6-Tetrachlorophenol	15.93	232	5595	2.06	ng	#	65
59) Diethylphthalate	16.08	149	19250	2.31	ng	#	93
60) 4-Chlorophenyl-phenylether	16.33	204	12077	2.42	ng	#	88
62) Azobenzene	16.62	77	11281	2.27	ng		89
65) n-Nitrosodiphenylamine	16.55	169	16463	2.30	ng		97
66) 4-Bromophenyl-phenylether	17.23	248	7740	2.18	ng		88
67) Hexachlorobenzene	17.34	284	9103	2.31	ng	#	89
68) Atrazine	17.46	200	6616	2.15	ng		90
70) Phenanthrene	18.09	178	32469	2.43	ng		98
71) Anthracene	18.18	178	32200m	2.42	ng		
72) Carbazole	18.45	167	25381	2.16	ng		94
73) Di-n-butylphthalate	18.95	149	27766	2.13	ng		99
74) Fluoranthene	20.06	202	41941	2.39	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) Benzidine	20.23	184	13407	2.22	ng	#	93
77) Pyrene	20.42	202	43475	2.31	ng		99
79) Butylbenzylphthalate	21.27	149	13458	2.26	ng	#	66
80) Benzo(a)anthracene	22.35	228	47240	2.48	ng		96
82) Chrysene	22.43	228	45762	2.49	ng		96
83) Bis(2-ethylhexyl)phthalate	22.19	149	19868	2.36	ng	#	96
84) Di-n-octyl phthalate	23.55	149	27534	2.06	ng	#	93
85) Indeno(1,2,3-cd)pyrene	30.24	276	49806	2.14	ng	#	75
87) Benzo(b)fluoranthene	24.85	252	43569	2.25	ng	#	94
88) Benzo(k)fluoranthene	24.92	252	49741m	2.59	ng		
89) Benzo(a)pyrene	25.85	252	41771	2.26	ng	#	97
90) Dibenzo(a,h)anthracene	30.33	278	41462m	2.20	ng		
91) Benzo(g,h,i)perylene	31.57	276	39536m	2.11	ng		

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

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