Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
Data File : BG022515.D
Acq On : 23 Jun 2016 22:10
Operator : UM/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
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6/24/2016 7:30:36 PM

Quant Time: Jun 24 04:22:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 03:43:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	109879	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	436808	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	309125	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	739047	20.00	ng		0.00
75) Chrysene-d12	21.86	240	811123	20.00	ng		0.00
86) Perylene-d12	25.22	264	783942	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	37167	6.43	ng		0.00
7) Phenol-d6	7.31	99	50518	5.65	ng		0.00
23) Nitrobenzene-d5	9.35	82	57452	8.48	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	25055	6.91	ng		0.00
44) 2-Fluorobiphenyl	13.44	172	126314	6.30	ng		0.00
78) Terphenyl-d14	20.16	244	209667	6.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	6288	2.28	ng	#	66
4) n-Nitrosodimethylamine	3.92	42	11063	5.38	ng	#	75
6) Aniline	7.50	93	32735	2.84	ng	#	94
8) 2-Chlorophenol	7.73	128	19347	2.52	ng		97
9) Benzaldehyde	7.31	77	24121	5.13	ng		87
10) Phenol	7.34	94	27286	2.94	ng		93
11) bis(2-Chloroethyl)ether	7.59	93	23077	3.14	ng		94
12) 1,3-Dichlorobenzene	8.07	146	24329	2.88	ng		89
13) 1,4-Dichlorobenzene	8.22	146	26567m	3.17	ng		
14) 1,2-Dichlorobenzene	8.53	146	22043	2.62	ng		95
15) Benzyl Alcohol	8.41	79	30025	4.65	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.72	45	24878	3.17	ng		94
17) 2-Methylphenol	8.61	107	16970	2.49	ng	#	76
18) Hexachloroethane	9.28	117	9366	2.98	ng	#	82
19) n-Nitroso-di-n-propylamine	8.99	70	24352	3.88	ng	#	94
20) 3+4-Methylphenols	8.93	107	24515	2.53	ng	#	85
22) Acetophenone	9.01	105	35849	3.67	ng	#	94
24) Nitrobenzene	9.39	77	30503	4.39	ng		95
25) Isophorone	9.92	82	54478	3.56	ng	#	95
26) 2-Nitrophenol	10.11	139	11038	3.18	ng	#	78
27) 2,4-Dimethylphenol	10.15	122	19172	3.07	ng	#	64
28) bis(2-Chloroethoxy)methane	10.40	93	29686	3.42	ng	#	88
29) 2,4-Dichlorophenol	10.64	162	20369	3.43	ng	#	80
30) 1,2,4-Trichlorobenzene	10.86	180	23654	3.52	ng	#	84
31) Naphthalene	11.06	128	61284	2.81	ng		99
33) 4-Chloroaniline	11.16	127	25014	2.72	ng	#	89
34) Hexachlorobutadiene	11.33	225	19961	5.04	ng		94
36) 4-Chloro-3-methylphenol	12.26	107	26364	3.72	ng		92
37) 2-Methylnaphthalene	12.64	142	47202m	2.93	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	30742	3.71	ng		95
40) Hexachlorocyclopentadiene	12.99	237	24569	5.57	ng		97
42) 2,4,6-Trichlorophenol	13.24	196	21239	3.84	ng		91
43) 2,4,5-Trichlorophenol	13.31	196	20404	3.37	ng	#	79
45) 1,1'-Biphenyl	13.65	154	65587	2.87	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.70	162	49950	2.82	ng	#	88
47) 2-Nitroaniline	13.89	65	18459	3.95	ng	#	87
48) Acenaphthylene	14.54	152	79108	2.59	ng		95
49) Dimethylphthalate	14.26	163	68029	2.68	ng	#	98
50) 2,6-Dinitrotoluene	14.38	165	14114	2.58	ng	#	75
51) Acenaphthene	14.88	154	52798	2.81	ng		95
52) 3-Nitroaniline	14.71	138	13313	2.21	ng	#	99
54) Dibenzofuran	15.21	168	88625	3.06	ng	#	95
55) 4-Nitrophenol	14.99	139	11561	2.73	ng		86
56) 2,4-Dinitrotoluene	15.16	165	16193	2.20	ng	#	84
57) Fluorene	15.86	166	69674	2.82	ng		88
58) 2,3,4,6-Tetrachlorophenol	15.43	232	21956	3.89	ng	#	96
59) Diethylphthalate	15.62	149	78833	2.92	ng		96
60) 4-Chlorophenyl-phenylether	15.86	204	40536	3.48	ng		97
61) 4-Nitroaniline	15.87	138	13694	2.18	ng	#	88
62) Azobenzene	16.15	77	83909	3.89	ng		90
65) n-Nitrosodiphenylamine	16.07	169	65859	3.15	ng		95
66) 4-Bromophenyl-phenylether	16.75	248	25279	3.55	ng		95
67) Hexachlorobenzene	16.87	284	27906	3.42	ng	#	88
68) Atrazine	17.02	200	27388	3.44	ng		89
69) Pentachlorophenol	17.21	266	14730	4.04	ng	#	87
70) Phenanthrene	17.61	178	116131	2.95	ng		98
71) Anthracene	17.70	178	115725	2.97	ng		97
72) Carbazole	17.97	167	99995	2.73	ng		94
73) Di-n-butylphthalate	18.53	149	129867	2.73	ng	#	93
74) Fluoranthene	19.61	202	149935	3.29	ng		96
77) Pyrene	19.97	202	144030	2.92	ng	#	86
79) Butylbenzylphthalate	20.85	149	59529	2.63	ng		87
80) Benzo(a)anthracene	21.83	228	142284	3.16	ng		94
81) 3,3'-Dichlorobenzidine	21.75	252	56787	4.26	ng		99
82) Chrysene	21.90	228	134442	3.07	ng		92
83) Bis(2-ethylhexyl)phthalate	21.74	149	86971	2.64	ng	#	88
84) Di-n-octyl phthalate	23.01	149	133957	2.46	ng		95
85) Indeno(1,2,3-cd)pyrene	29.07	276	138051m	2.81	ng		
87) Benzo(b)fluoranthene	24.14	252	136438m	3.03	ng		
88) Benzo(k)fluoranthene	24.22	252	137834m	3.12	ng		
89) Benzo(a)pyrene	25.05	252	123905	2.88	ng		93
90) Dibenzo(a,h)anthracene	29.14	278	120258	2.98	ng	#	99
91) Benzo(g,h,i)perylene	30.26	276	121266	2.89	ng	#	87

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

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