Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
Data File : BG026569.D
Acq On : 6 Apr 2017 17:01
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 07 01:10:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	143552	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	597037	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	354581	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	891630	20.00	ng		0.00
75) Chrysene-d12	21.63	240	1040853	20.00	ng		0.00
86) Perylene-d12	24.81	264	1071455	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	645026	79.75	ng		0.00
7) Phenol-d6	7.20	99	828801	76.33	ng		0.00
23) Nitrobenzene-d5	9.20	82	761633	76.71	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	394935	97.26	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2033982	80.44	ng		0.00
78) Terphenyl-d14	19.98	244	3356130	78.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	141013	38.84	ng	#	68
3) Pyridine	3.90	79	369088	37.12	ng	#	60
4) n-Nitrosodimethylamine	3.82	42	98612	36.29	ng	#	1
6) Aniline	7.36	93	542719	37.42	ng	#	87
8) 2-Chlorophenol	7.61	128	364769	40.05	ng	#	77
9) Benzaldehyde	7.18	77	305991	41.74	ng	#	64
10) Phenol	7.23	94	436765	37.69	ng	#	69
11) bis(2-Chloroethyl)ether	7.45	93	349040	36.73	ng	#	79
12) 1,3-Dichlorobenzene	7.93	146	441601	40.73	ng	#	86
13) 1,4-Dichlorobenzene	8.08	146	451179	41.14	ng	#	92
14) 1,2-Dichlorobenzene	8.40	146	429622	40.93	ng	#	90
15) Benzyl Alcohol	8.28	79	259035	36.39	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	343211	32.53	ng		79
17) 2-Methylphenol	8.48	107	315618	38.35	ng	#	80
18) Hexachloroethane	9.13	117	141009	39.32	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	244143	34.98	ng	#	70
20) 3+4-Methylphenols	8.80	107	440480	38.88	ng		84
22) Acetophenone	8.86	105	542429	39.51	ng	#	74
24) Nitrobenzene	9.24	77	365689	37.30	ng	#	70
25) Isophorone	9.76	82	690609	36.90	ng	#	87
26) 2-Nitrophenol	9.96	139	214067	41.96	ng	#	60
27) 2,4-Dimethylphenol	10.01	122	337678	40.33	ng		84
28) bis(2-Chloroethoxy)methane	10.24	93	468511	38.54	ng	#	98
29) 2,4-Dichlorophenol	10.49	162	369358	43.62	ng		91
30) 1,2,4-Trichlorobenzene	10.70	180	413384	43.46	ng		99
31) Naphthalene	10.89	128	1228273	40.69	ng		99
32) Benzoic acid	10.14	122	235680	36.58	ng	#	66
33) 4-Chloroaniline	11.00	127	505539	41.17	ng	#	81
34) Hexachlorobutadiene	11.18	225	241728	43.07	ng		99
35) Caprolactam	11.75	113	134684	40.36	ng	#	48
36) 4-Chloro-3-methylphenol	12.11	107	366145	40.42	ng	#	75
37) 2-Methylnaphthalene	12.49	142	917818	41.51	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	458061	42.94	ng	#	96
40) Hexachlorocyclopentadiene	12.83	237	219276	39.05	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	294465	42.16	ng		95
43) 2,4,5-Trichlorophenol	13.16	196	334397	43.31	ng	#	90
45) 1,1'-Biphenyl	13.49	154	1176782	40.07	ng		96
46) 2-Chloronaphthalene	13.53	162	876191	40.85	ng		96
47) 2-Nitroaniline	13.73	65	224595	36.82	ng	#	51
48) Acenaphthylene	14.37	152	1513208	40.47	ng		99
49) Dimethylphthalate	14.10	163	1109253	41.45	ng		98
50) 2,6-Dinitrotoluene	14.22	165	273981	43.86	ng	#	56
51) Acenaphthene	14.72	154	933344	40.54	ng		99
52) 3-Nitroaniline	14.55	138	295632	42.98	ng	#	67
53) 2,4-Dinitrophenol	14.76	184	158546	43.75	ng	#	74
54) Dibenzofuran	15.04	168	1343425	41.44	ng	#	89
55) 4-Nitrophenol	14.86	139	233890	41.53	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	393238	44.76	ng	#	70
57) Fluorene	15.69	166	1217551	42.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	304578	45.23	ng	#	94
59) Diethylphthalate	15.45	149	1127817	41.23	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	592261	43.32	ng		89
61) 4-Nitroaniline	15.71	138	323222	44.43	ng	#	50
62) Azobenzene	15.97	77	831594	37.39	ng		76
64) 4,6-Dinitro-2-methylphenol	15.77	198	240271	42.74	ng		85
65) n-Nitrosodiphenylamine	15.89	169	1044892	39.93	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	404370	44.06	ng		93
67) Hexachlorobenzene	16.70	284	432966	44.23	ng		89
68) Atrazine	16.83	200	410455	41.43	ng		97
69) Pentachlorophenol	17.04	266	263241	41.36	ng		95
70) Phenanthrene	17.42	178	1914511	39.99	ng		97
71) Anthracene	17.51	178	1981676	40.57	ng		100
72) Carbazole	17.78	167	2051772	40.79	ng	#	97
73) Di-n-butylphthalate	18.33	149	2025131	39.19	ng	#	94
74) Fluoranthene	19.43	202	2303663	40.91	ng		97
76) Benzidine	19.60	184	981511	27.35	ng		99
77) Pyrene	19.79	202	2376463	39.43	ng		98
79) Butylbenzylphthalate	20.66	149	945555	39.21	ng	#	83
80) Benzo(a)anthracene	21.61	228	2305436	39.36	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	978643	40.81	ng		98
82) Chrysene	21.68	228	2230249	39.85	ng		99
83) Bis(2-ethylhexyl)phthalate	21.51	149	1356583	37.25	ng		96
84) Di-n-octyl phthalate	22.70	149	2300463	37.01	ng	#	80
85) Indeno(1,2,3-cd)pyrene	28.45	276	2926848	42.36	ng	#	88
87) Benzo(b)fluoranthene	23.80	252	2455696	38.88	ng	#	97
88) Benzo(k)fluoranthene	23.87	252	2488197	40.62	ng	#	94
89) Benzo(a)pyrene	24.66	252	2405878	39.71	ng	#	96
90) Dibenzo(a,h)anthracene	28.49	278	2503942	40.90	ng	#	94
91) Benzo(g,h,i)perylene	29.58	276	2479693	40.20	ng	#	89

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

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