Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
Data File : BG026678.D
Acq On : 20 Apr 2017 16:50
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 21 04:02:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	212966	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	931477	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	567191	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1320589	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1284946	20.00	ng		-0.02
86) Perylene-d12	24.80	264	1288463	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	921702	78.68	ng		0.00
7) Phenol-d6	7.22	99	1261138	82.15	ng		0.02
23) Nitrobenzene-d5	9.19	82	1052451	78.84	ng		-0.01
41) 2,4,6-Tribromophenol	16.12	330	587245	74.30	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	2865261	75.24	ng		-0.01
78) Terphenyl-d14	19.97	244	3295712	75.72	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	229825	37.52	ng	#	69
3) Pyridine	3.89	79	477744	34.83	ng	#	60
4) n-Nitrosodimethylamine	3.80	42	153260	38.42	ng	#	1
6) Aniline	7.35	93	640651	33.42	ng	#	86
8) 2-Chlorophenol	7.61	128	562766	40.26	ng	#	80
9) Benzaldehyde	7.16	77	412651	39.68	ng	#	65
10) Phenol	7.25	94	687548	41.17	ng	#	70
11) bis(2-Chloroethyl)ether	7.45	93	522587	39.31	ng	#	79
12) 1,3-Dichlorobenzene	7.92	146	645033	39.15	ng	#	85
13) 1,4-Dichlorobenzene	8.06	146	642273	38.38	ng	#	91
14) 1,2-Dichlorobenzene	8.39	146	616323	38.98	ng	#	89
15) Benzyl Alcohol	8.28	79	407531	42.45	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	490639	38.14	ng		77
17) 2-Methylphenol	8.49	107	487898	41.69	ng	#	81
18) Hexachloroethane	9.12	117	201526	38.17	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	381664	40.11	ng	#	70
20) 3+4-Methylphenols	8.82	107	671984	41.78	ng		89
22) Acetophenone	8.85	105	832456	39.11	ng	#	74
24) Nitrobenzene	9.23	77	555818	39.32	ng	#	71
25) Isophorone	9.75	82	1069524	39.08	ng	#	88
26) 2-Nitrophenol	9.94	139	352799	41.19	ng	#	60
27) 2,4-Dimethylphenol	10.01	122	559353	40.46	ng		86
28) bis(2-Chloroethoxy)methane	10.23	93	707900	39.57	ng	#	98
29) 2,4-Dichlorophenol	10.50	162	602233	41.66	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	626527	38.88	ng		98
31) Naphthalene	10.88	128	1766219	38.63	ng		99
32) Benzoic acid	10.17	122	384327	41.21	ng	#	70
33) 4-Chloroaniline	10.99	127	722907	36.86	ng	#	80
34) Hexachlorobutadiene	11.17	225	357020	38.75	ng		98
35) Caprolactam	11.76	113	208142	37.07	ng	#	51
36) 4-Chloro-3-methylphenol	12.13	107	603678	41.46	ng	#	73
37) 2-Methylnaphthalene	12.48	142	1396205	39.69	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	690015	39.50	ng	#	97
40) Hexachlorocyclopentadiene	12.82	237	331188	37.52	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	504351	40.54	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	536295	40.77	ng	#	92
45) 1,1'-Biphenyl	13.48	154	1776752	38.55	ng		99
46) 2-Chloronaphthalene	13.52	162	1347653	38.59	ng		97
47) 2-Nitroaniline	13.73	65	353370	39.61	ng	#	51
48) Acenaphthylene	14.36	152	2181504	38.84	ng		98
49) Dimethylphthalate	14.09	163	1713294	38.16	ng		98
50) 2,6-Dinitrotoluene	14.22	165	421270	40.12	ng	#	56
51) Acenaphthene	14.70	154	1375941	38.49	ng		99
52) 3-Nitroaniline	14.55	138	427374	37.32	ng	#	67
53) 2,4-Dinitrophenol	14.76	184	210661	38.84	ng	#	73
54) Dibenzofuran	15.04	168	2120495	38.06	ng		90
55) 4-Nitrophenol	14.89	139	382094	39.52	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	583245	39.12	ng	#	69
57) Fluorene	15.68	166	1741904	37.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	487948	36.47	ng	#	96
59) Diethylphthalate	15.44	149	1694926	37.13	ng		96
60) 4-Chlorophenyl-phenylether	15.67	204	898871	39.26	ng		88
61) 4-Nitroaniline	15.71	138	424381	34.75	ng	#	49
62) Azobenzene	15.96	77	1353262	38.42	ng		78
64) 4,6-Dinitro-2-methylphenol	15.76	198	352646	39.54	ng		85
65) n-Nitrosodiphenylamine	15.88	169	1550025	40.69	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	597667	41.42	ng		93
67) Hexachlorobenzene	16.69	284	639708	40.33	ng	#	88
68) Atrazine	16.83	200	551314	37.01	ng		97
69) Pentachlorophenol	17.04	266	335832	35.04	ng		97
70) Phenanthrene	17.42	178	2550804	37.52	ng		99
71) Anthracene	17.51	178	2650573	37.72	ng		98
72) Carbazole	17.78	167	2284259	33.95	ng		97
73) Di-n-butylphthalate	18.32	149	2663381	35.30	ng	#	96
74) Fluoranthene	19.42	202	2685319	34.06	ng		97
76) Benzidine	19.60	184	255306	10.48	ng		96
77) Pyrene	19.78	202	2700899	39.04	ng		97
79) Butylbenzylphthalate	20.65	149	1148715	38.59	ng	#	82
80) Benzo(a)anthracene	21.60	228	2708932	39.03	ng		99
81) 3,3'-Dichlorobenzidine	21.51	252	1122053	38.99	ng	#	98
82) Chrysene	21.67	228	2483222	38.88	ng		98
83) Bis(2-ethylhexyl)phthalate	21.50	149	1650813	38.48	ng		97
84) Di-n-octyl phthalate	22.68	149	2828113	39.49	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.41	276	3450899	39.41	ng	#	87
87) Benzo(b)fluoranthene	23.79	252	2809743	38.09	ng	#	96
88) Benzo(k)fluoranthene	23.85	252	2857633	40.19	ng	#	96
89) Benzo(a)pyrene	24.64	252	2777587	39.00	ng	#	96
90) Dibenzo(a,h)anthracene	28.46	278	2940565	40.20	ng	#	93
91) Benzo(g,h,i)perylene	29.54	276	2879099	39.36	ng	#	88

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

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