Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030417\
Data File : BG026065.D
Acq On : 3 Mar 2017 15:50
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 03 22:54:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	164640	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	689601	20.00	ng		-0.02
38) Acenaphthene-d10	14.67	164	416848	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	840459	20.00	ng		-0.01
75) Chrysene-d12	21.65	240	870240	20.00	ng		-0.03
86) Perylene-d12	24.85	264	874712	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	763687	80.76	ng		-0.01
7) Phenol-d6	7.23	99	1002214	71.62	ng		0.00
23) Nitrobenzene-d5	9.23	82	898756	82.25	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	324831	84.34	ng		-0.01
44) 2-Fluorobiphenyl	13.30	172	2017627	84.58	ng		-0.02
78) Terphenyl-d14	20.00	244	2714796	75.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	170486	39.45	ng	#	77
3) Pyridine	3.93	79	477927	37.11	ng	#	67
4) n-Nitrosodimethylamine	3.84	42	151840	32.78	ng	#	18
6) Aniline	7.39	93	685048	35.21	ng	#	91
8) 2-Chlorophenol	7.63	128	430477	38.30	ng		86
9) Benzaldehyde	7.20	77	285073	34.38	ng	#	73
10) Phenol	7.25	94	539604	35.48	ng	#	73
11) bis(2-Chloroethyl)ether	7.49	93	449768	35.98	ng		87
12) 1,3-Dichlorobenzene	7.96	146	516622	39.77	ng	#	88
13) 1,4-Dichlorobenzene	8.11	146	522887	39.73	ng		94
14) 1,2-Dichlorobenzene	8.43	146	497758	38.52	ng	#	90
15) Benzyl Alcohol	8.30	79	350955	34.25	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.60	45	520540	28.70	ng		86
17) 2-Methylphenol	8.50	107	383423	35.00	ng	#	83
18) Hexachloroethane	9.16	117	178367	40.89	ng		88
19) n-Nitroso-di-n-propylamine	8.87	70	331756	32.46	ng	#	75
20) 3+4-Methylphenols	8.83	107	531363	34.04	ng		88
22) Acetophenone	8.88	105	654330	39.54	ng	#	77
24) Nitrobenzene	9.27	77	476192	40.30	ng	#	78
25) Isophorone	9.79	82	912778	37.96	ng	#	92
26) 2-Nitrophenol	9.98	139	246821	44.67	ng	#	66
27) 2,4-Dimethylphenol	10.04	122	407717	39.53	ng		89
28) bis(2-Chloroethoxy)methane	10.27	93	585652	38.43	ng	#	97
29) 2,4-Dichlorophenol	10.52	162	406177	41.26	ng		93
30) 1,2,4-Trichlorobenzene	10.74	180	450933	42.12	ng		97
31) Naphthalene	10.92	128	1417307	39.75	ng		99
32) Benzoic acid	10.17	122	282493	35.88	ng	#	73
33) 4-Chloroaniline	11.02	127	570796	36.86	ng	#	84
34) Hexachlorobutadiene	11.21	225	266042	43.67	ng		99
35) Caprolactam	11.79	113	145972	36.72	ng	#	64
36) 4-Chloro-3-methylphenol	12.13	107	425875	36.16	ng	#	80
37) 2-Methylnaphthalene	12.52	142	1035750	38.14	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	475496	45.51	ng		98
40) Hexachlorocyclopentadiene	12.87	237	264108	46.20	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	306223	45.38	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	337946	44.12	ng		94
45) 1,1'-Biphenyl	13.51	154	1285521	42.56	ng		98
46) 2-Chloronaphthalene	13.56	162	928200	42.50	ng		99
47) 2-Nitroaniline	13.75	65	276753	39.96	ng	#	67
48) Acenaphthylene	14.40	152	1613829	41.50	ng		99
49) Dimethylphthalate	14.13	163	1137996	39.79	ng		97
50) 2,6-Dinitrotoluene	14.24	165	273993	42.65	ng	#	65
51) Acenaphthene	14.74	154	1064590	41.46	ng		100
52) 3-Nitroaniline	14.57	138	286020	39.80	ng	#	75
53) 2,4-Dinitrophenol	14.77	184	128738	38.30	ng		88
54) Dibenzofuran	15.07	168	1365755	39.89	ng		90
55) 4-Nitrophenol	14.87	139	216697	37.06	ng	#	48
56) 2,4-Dinitrotoluene	15.02	165	370686	42.89	ng	#	76
57) Fluorene	15.72	166	1201675	39.28	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	280693	41.54	ng		98
59) Diethylphthalate	15.48	149	1170101	39.56	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	574170	40.50	ng		92
61) 4-Nitroaniline	15.72	138	278046	37.33	ng	#	55
62) Azobenzene	15.99	77	978385	38.48	ng		84
64) 4,6-Dinitro-2-methylphenol	15.79	198	213793	43.47	ng		87
65) n-Nitrosodiphenylamine	15.92	169	1027870	40.33	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	360470	40.92	ng		97
67) Hexachlorobenzene	16.72	284	383749	42.27	ng		96
68) Atrazine	16.86	200	383817	42.55	ng		98
69) Pentachlorophenol	17.06	266	244973	43.74	ng		97
70) Phenanthrene	17.45	178	1802716	39.51	ng		97
71) Anthracene	17.54	178	1861684	40.02	ng		99
72) Carbazole	17.80	167	1825301	39.06	ng		97
73) Di-n-butylphthalate	18.36	149	2020798	44.06	ng	#	95
74) Fluoranthene	19.44	202	2079758	41.40	ng		96
76) Benzidine	19.61	184	858243	31.24	ng		99
77) Pyrene	19.81	202	2136468	38.82	ng		99
79) Butylbenzylphthalate	20.68	149	981911	47.01	ng		89
80) Benzo(a)anthracene	21.63	228	2002943	39.42	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	731821	40.40	ng	#	97
82) Chrysene	21.70	228	1934590	39.60	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1464229	48.55	ng		98
84) Di-n-octyl phthalate	22.74	149	2487150	49.94	ng	#	84
85) Indeno(1,2,3-cd)pyrene	28.50	276	2110713	36.68	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	2037942	38.90	ng	#	97
88) Benzo(k)fluoranthene	23.90	252	2047069	40.05	ng	#	94
89) Benzo(a)pyrene	24.70	252	1925677	38.82	ng	#	95
90) Dibenzo(a,h)anthracene	28.55	278	1705841	34.23	ng	#	94
91) Benzo(g,h,i)perylene	29.64	276	1868641	37.40	ng	#	88

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

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