Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
Data File : BG026029.D
Acq On : 2 Mar 2017 14:40
Operator : SJ/MA
Sample : PB97261BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97261BSD

Quant Time: Mar 02 15:50:30 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	122233	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	538744	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	320443	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	738930	20.00	ng		0.00
75) Chrysene-d12	21.66	240	681877	20.00	ng		-0.02
86) Perylene-d12	24.85	264	644513	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	685205	97.60	ng		0.00
7) Phenol-d6	7.23	99	907341	87.33	ng		0.00
23) Nitrobenzene-d5	9.23	82	731882	85.73	ng		-0.01
41) 2,4,6-Tribromophenol	16.15	330	325322	109.89	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	1856961	101.26	ng		-0.01
78) Terphenyl-d14	20.00	244	2284199	81.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	94366	29.41	ng	#	78
3) Pyridine	3.93	79	279545	29.24	ng	#	68
4) n-Nitrosodimethylamine	3.84	42	106751	31.04	ng	#	16
6) Aniline	7.39	93	211410	14.64	ng	#	90
8) 2-Chlorophenol	7.64	128	354935	42.54	ng		86
9) Benzaldehyde	7.20	77	91518	14.87	ng	#	64
10) Phenol	7.26	94	454738	40.28	ng	#	74
11) bis(2-Chloroethyl)ether	7.49	93	325349	35.06	ng		88
12) 1,3-Dichlorobenzene	7.97	146	363820	37.72	ng	#	88
13) 1,4-Dichlorobenzene	8.11	146	372124	38.08	ng		94
14) 1,2-Dichlorobenzene	8.43	146	357699	37.29	ng	#	89
15) Benzyl Alcohol	8.30	79	294875	38.76	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	8.60	45	372594	27.67	ng		86
17) 2-Methylphenol	8.51	107	315268	38.76	ng	#	82
18) Hexachloroethane	9.16	117	123843	38.24	ng		89
19) n-Nitroso-di-n-propylamine	8.87	70	259051	34.14	ng	#	76
20) 3+4-Methylphenols	8.83	107	431592	37.25	ng		84
22) Acetophenone	8.89	105	506180	39.15	ng	#	77
24) Nitrobenzene	9.27	77	357789	38.76	ng	#	78
25) Isophorone	9.79	82	719953	38.32	ng	#	91
26) 2-Nitrophenol	9.98	139	192015	44.48	ng	#	70
27) 2,4-Dimethylphenol	10.04	122	347581	43.14	ng		88
28) bis(2-Chloroethoxy)methane	10.27	93	449579	37.76	ng	#	98
29) 2,4-Dichlorophenol	10.52	162	343695	44.69	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	343095	41.02	ng		96
31) Naphthalene	10.92	128	1068084	38.35	ng		99
32) Benzoic acid	10.15	122	224466	36.49	ng	#	79
33) 4-Chloroaniline	11.02	127	84407	6.98	ng	#	84
34) Hexachlorobutadiene	11.21	225	197442	41.49	ng		99
35) Caprolactam	11.78	113	134842	43.42	ng	#	61
36) 4-Chloro-3-methylphenol	12.14	107	376672	40.94	ng	#	81
37) 2-Methylnaphthalene	12.52	142	817583	38.54	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	366118	45.59	ng		99
40) Hexachlorocyclopentadiene	12.87	237	406132	92.41	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	274561	52.93	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	287883	48.89	ng	#	93
45) 1,1'-Biphenyl	13.51	154	1049627	45.20	ng		99
46) 2-Chloronaphthalene	13.56	162	767082	45.69	ng		98
47) 2-Nitroaniline	13.75	65	234548	44.05	ng	#	70
48) Acenaphthylene	14.40	152	1311949	43.89	ng		99
49) Dimethylphthalate	14.13	163	1027590	46.74	ng		99
50) 2,6-Dinitrotoluene	14.24	165	228882	46.35	ng	#	70
51) Acenaphthene	14.74	154	938955	47.57	ng		98
52) 3-Nitroaniline	14.57	138	77566	14.04	ng	#	68
53) 2,4-Dinitrophenol	14.78	184	229648	88.87	ng	#	84
54) Dibenzofuran	15.07	168	1242318	47.20	ng		91
55) 4-Nitrophenol	14.87	139	375212	83.47	ng	#	48
56) 2,4-Dinitrotoluene	15.02	165	319314	48.06	ng	#	80
57) Fluorene	15.72	166	1029137	43.76	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.29	232	271610	52.29	ng		98
59) Diethylphthalate	15.48	149	1065594	46.86	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	488541	44.83	ng		93
61) 4-Nitroaniline	15.72	138	238061	41.58	ng	#	54
62) Azobenzene	16.00	77	936356	47.91	ng		83
64) 4,6-Dinitro-2-methylphenol	15.79	198	174839	40.43	ng		88
65) n-Nitrosodiphenylamine	15.92	169	912533	40.72	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	327876	42.34	ng		98
67) Hexachlorobenzene	16.72	284	332944	41.71	ng		94
68) Atrazine	16.86	200	339869	42.85	ng		97
69) Pentachlorophenol	17.06	266	414866	84.26	ng		95
70) Phenanthrene	17.45	178	1597356	39.82	ng		97
71) Anthracene	17.54	178	1645577	40.24	ng		99
72) Carbazole	17.80	167	1478181	35.98	ng	#	95
73) Di-n-butylphthalate	18.36	149	1834411	45.49	ng	#	95
74) Fluoranthene	19.45	202	1758751	39.82	ng		95
76) Benzidine	19.62	184	362007	16.82	ng		96
77) Pyrene	19.81	202	1772228	41.10	ng		98
79) Butylbenzylphthalate	20.68	149	824297	50.37	ng		90
80) Benzo(a)anthracene	21.63	228	1593600	40.03	ng		96
81) 3,3'-Dichlorobenzidine	21.55	252	264537	18.64	ng	#	97
82) Chrysene	21.70	228	1481654	38.70	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1218413	51.56	ng	#	99
84) Di-n-octyl phthalate	22.74	149	2071512	53.08	ng	#	84
85) Indeno(1,2,3-cd)pyrene	28.50	276	1613392	35.78	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	1569132	40.65	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	1544037	41.00	ng	#	93
89) Benzo(a)pyrene	24.71	252	1479684	40.48	ng	#	94
90) Dibenzo(a,h)anthracene	28.56	278	1286668	35.04	ng	#	93
91) Benzo(g,h,i)perylene	29.64	276	1386607	37.66	ng	#	88

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

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