Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042117\
Data File : BG026693.D
Acq On : 21 Apr 2017 19:31
Operator : SJ/MA
Sample : I2782-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-7-42017MSD

Quant Time: Apr 22 04:26:29 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	195373	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	856019	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	539888	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1291243	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1338915	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1342072	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	740734	68.92	ng	0.00
7) Phenol-d6	7.22	99	663616	47.12	ng	0.01
23) Nitrobenzene-d5	9.19	82	1173355	95.64	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	1036224	137.75	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	3186592	87.91	ng	-0.01
78) Terphenyl-d14	19.97	244	4058071	89.48	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	68716	12.23	ng	# 68
3) Pyridine	3.89	79	227518	18.08	ng	# 61
4) n-Nitrosodimethylamine	3.80	42	63149	17.26	ng	# 1
6) Aniline	7.35	93	276546	15.73	ng	# 83
8) 2-Chlorophenol	7.61	128	502183	39.16	ng	# 76
9) Benzaldehyde	7.17	77	133940	14.04	ng	# 65
10) Phenol	7.24	94	265751	17.34	ng	# 69
11) bis(2-Chloroethyl)ether	7.45	93	543617	44.57	ng	# 79
12) 1,3-Dichlorobenzene	7.92	146	567017	37.52	ng	# 86
13) 1,4-Dichlorobenzene	8.06	146	580081	37.78	ng	# 92
14) 1,2-Dichlorobenzene	8.39	146	566006	39.02	ng	# 91
15) Benzyl Alcohol	8.28	79	314884	35.75	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.56	45	518157	43.91	ng	77
17) 2-Methylphenol	8.49	107	375392	34.96	ng	# 82
18) Hexachloroethane	9.11	117	178328	36.81	ng	94
19) n-Nitroso-di-n-propylamine	8.83	70	413181	47.33	ng	# 71
20) 3+4-Methylphenols	8.82	107	473484	32.09	ng	87
22) Acetophenone	8.85	105	869442	44.44	ng	# 74
24) Nitrobenzene	9.23	77	607628	46.77	ng	# 70
25) Isophorone	9.75	82	1172001	46.60	ng	# 88
26) 2-Nitrophenol	9.94	139	358136	45.50	ng	# 62
27) 2,4-Dimethylphenol	10.02	122	447898	35.26	ng	85
28) bis(2-Chloroethoxy)methane	10.23	93	778349	47.35	ng	# 97
29) 2,4-Dichlorophenol	10.49	162	647878	48.77	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	617222	41.68	ng	97
31) Naphthalene	10.88	128	1899941	45.22	ng	99
32) Benzoic acid	10.13	122	117193	19.70	ng	# 68
33) 4-Chloroaniline	11.00	127	147648	8.19	ng	# 80
34) Hexachlorobutadiene	11.17	225	339456	40.09	ng	98
35) Caprolactam	11.76	113	40275	7.81	ng	# 49
36) 4-Chloro-3-methylphenol	12.12	107	628826	46.99	ng	# 72
37) 2-Methylnaphthalene	12.48	142	1494384	46.22	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	733425	44.10	ng	97
40) Hexachlorocyclopentadiene	12.82	237	744251	88.57	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	574306	48.50	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	617242	49.29	ng	#	91
45) 1,1'-Biphenyl	13.48	154	1980656	45.15	ng		98
46) 2-Chloronaphthalene	13.52	162	1500164	45.12	ng		98
47) 2-Nitroaniline	13.73	65	428785	50.50	ng	#	49
48) Acenaphthylene	14.36	152	2449925	45.83	ng		98
49) Dimethylphthalate	14.09	163	2078501	48.63	ng		100
50) 2,6-Dinitrotoluene	14.22	165	503982	50.43	ng	#	56
51) Acenaphthene	14.70	154	1598122	46.97	ng		99
52) 3-Nitroaniline	14.55	138	191187	17.54	ng	#	64
53) 2,4-Dinitrophenol	14.76	184	582996	96.24	ng	#	76
54) Dibenzofuran	15.04	168	2428547	45.79	ng		91
55) 4-Nitrophenol	14.89	139	270446	29.39	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	716407	50.48	ng	#	67
57) Fluorene	15.68	166	2044581	46.82	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	577771	45.37	ng	#	95
59) Diethylphthalate	15.44	149	1998545	46.00	ng		96
60) 4-Chlorophenyl-phenylether	15.67	204	1042431	47.83	ng		91
61) 4-Nitroaniline	15.71	138	450606	38.76	ng	#	51
62) Azobenzene	15.96	77	1602063	47.79	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	427389	49.01	ng		84
65) n-Nitrosodiphenylamine	15.88	169	1797241	48.25	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	709778	50.31	ng		92
67) Hexachlorobenzene	16.69	284	765037	49.32	ng	#	88
68) Atrazine	16.83	200	672322	46.16	ng		97
69) Pentachlorophenol	17.04	266	864157	92.22	ng		97
70) Phenanthrene	17.42	178	3067889	46.15	ng		97
71) Anthracene	17.51	178	3169545	46.13	ng		94
72) Carbazole	17.78	167	2891436	43.95	ng		96
73) Di-n-butylphthalate	18.32	149	3270665	44.34	ng	#	95
74) Fluoranthene	19.42	202	3376363	43.80	ng		94
76) Benzidine	19.62	184	5199m	3.85	ng		
77) Pyrene	19.78	202	3383749	46.94	ng		92
79) Butylbenzylphthalate	20.65	149	1534180	49.47	ng		86
80) Benzo(a)anthracene	21.60	228	3424903	47.36	ng		96
81) 3,3'-Dichlorobenzidine	21.51	252	236153	7.87	ng		98
82) Chrysene	21.67	228	3137254	47.15	ng		94
83) Bis(2-ethylhexyl)phthalate	21.50	149	2188336	48.96	ng		94
84) Di-n-octyl phthalate	22.68	149	3651282	48.92	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.42	276	4516963	49.51	ng	#	87
87) Benzo(b)fluoranthene	23.79	252	3744760	48.73	ng	#	94
88) Benzo(k)fluoranthene	23.86	252	3521103	47.54	ng	#	97
89) Benzo(a)pyrene	24.65	252	3546007	47.80	ng	#	95
90) Dibenzo(a,h)anthracene	28.48	278	3823890	50.18	ng	#	90
91) Benzo(g,h,i)perylene	29.55	276	3751131	49.23	ng	#	87

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

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