Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
Data File : BG026683.D
Acq On : 20 Apr 2017 20:09
Operator : SJ/MA
Sample : I2774-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WETLANDSAND-PPCMSD

Quant Time: Apr 21 04:52:24 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	194722	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	865920	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	551412	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1292054	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1325396	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1336877	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1707549	159.41	ng		0.00
7) Phenol-d6	7.22	99	2323723	165.56	ng		0.02
23) Nitrobenzene-d5	9.19	82	1267239	102.12	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	1088669	141.69	ng		-0.01
44) 2-Fluorobiphenyl	13.27	172	3344875	90.34	ng		-0.01
78) Terphenyl-d14	19.97	244	4090767	91.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	138102	24.66	ng	#	70
3) Pyridine	3.89	79	243745	19.44	ng	#	62
4) n-Nitrosodimethylamine	3.79	42	146902	40.28	ng	#	1
6) Aniline	7.35	93	605008	34.52	ng	#	88
8) 2-Chlorophenol	7.61	128	616159	48.21	ng	#	79
9) Benzaldehyde	7.17	77	97400	10.24	ng	#	66
10) Phenol	7.25	94	908997	59.52	ng	#	71
11) bis(2-Chloroethyl)ether	7.45	93	539416	44.37	ng	#	81
12) 1,3-Dichlorobenzene	7.92	146	627477	41.66	ng	#	84
13) 1,4-Dichlorobenzene	8.07	146	642363m	41.98	ng		
14) 1,2-Dichlorobenzene	8.38	146	623408	43.12	ng	#	89
15) Benzyl Alcohol	8.27	79	443094	50.48	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.56	45	523126	44.48	ng		81
17) 2-Methylphenol	8.49	107	540737	50.53	ng	#	81
18) Hexachloroethane	9.11	117	198347	41.08	ng		94
19) n-Nitroso-di-n-propylamine	8.83	70	400460	46.02	ng	#	68
20) 3+4-Methylphenols	8.82	107	756267	51.43	ng		86
22) Acetophenone	8.85	105	859409	43.43	ng	#	75
24) Nitrobenzene	9.23	77	585631	44.56	ng	#	68
25) Isophorone	9.75	82	1141928	44.89	ng	#	88
26) 2-Nitrophenol	9.95	139	379170	47.62	ng	#	63
27) 2,4-Dimethylphenol	10.02	122	626636	48.76	ng		85
28) bis(2-Chloroethoxy)methane	10.23	93	752515	45.25	ng	#	96
29) 2,4-Dichlorophenol	10.49	162	680741	50.65	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	654010	43.66	ng		98
31) Naphthalene	10.88	128	1859313	43.75	ng		99
32) Benzoic acid	10.18	122	418706	46.75	ng	#	73
33) 4-Chloroaniline	10.99	127	395606	21.70	ng	#	81
34) Hexachlorobutadiene	11.17	225	373494	43.60	ng		97
35) Caprolactam	11.77	113	238080m	45.62	ng		
36) 4-Chloro-3-methylphenol	12.13	107	671993	49.64	ng	#	73
37) 2-Methylnaphthalene	12.48	142	1482938	45.34	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	727311	42.82	ng		98
40) Hexachlorocyclopentadiene	12.82	237	774167	90.20	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	561745	46.45	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	600858	46.98	ng	#	92
45) 1,1'-Biphenyl	13.48	154	1899108	42.38	ng		98
46) 2-Chloronaphthalene	13.52	162	1472104	43.35	ng		97
47) 2-Nitroaniline	13.73	65	401638	46.31	ng	#	45
48) Acenaphthylene	14.36	152	2377303	43.54	ng		98
49) Dimethylphthalate	14.09	163	2210496	50.64	ng		100
50) 2,6-Dinitrotoluene	14.22	165	465888	45.64	ng	#	56
51) Acenaphthene	14.70	154	1512310	43.52	ng		99
52) 3-Nitroaniline	14.55	138	393787	35.37	ng	#	65
53) 2,4-Dinitrophenol	14.76	184	573795	93.06	ng	#	74
54) Dibenzofuran	15.03	168	2313114	42.70	ng		91
55) 4-Nitrophenol	14.89	139	760285	80.89	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	659944	45.53	ng	#	65
57) Fluorene	15.69	166	1909651	42.82	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	564503	43.40	ng	#	95
59) Diethylphthalate	15.44	149	1863190	41.98	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	976647	43.88	ng		90
61) 4-Nitroaniline	15.71	138	501404	42.23	ng	#	50
62) Azobenzene	15.96	77	1503056	43.90	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	424468	48.65	ng		85
65) n-Nitrosodiphenylamine	15.89	169	1715626	46.03	ng		96
66) 4-Bromophenyl-phenylether	16.56	248	671658	47.58	ng		94
67) Hexachlorobenzene	16.69	284	711001	45.81	ng	#	88
68) Atrazine	16.83	200	618061	42.41	ng		97
69) Pentachlorophenol	17.04	266	840944	89.68	ng		96
70) Phenanthrene	17.42	178	2873333	43.19	ng		98
71) Anthracene	17.51	178	2971358	43.22	ng		95
72) Carbazole	17.78	167	2693449	40.92	ng		96
73) Di-n-butylphthalate	18.32	149	3019336	40.90	ng	#	95
74) Fluoranthene	19.42	202	3144045	40.76	ng		96
76) Benzidine	19.60	184	204074	8.95	ng		98
77) Pyrene	19.78	202	3172830	44.47	ng		96
79) Butylbenzylphthalate	20.65	149	1409227	45.90	ng	#	86
80) Benzo(a)anthracene	21.60	228	3161283	44.16	ng		98
81) 3,3'-Dichlorobenzidine	21.51	252	1076507	36.26	ng		99
82) Chrysene	21.67	228	2904610	44.10	ng		96
83) Bis(2-ethylhexyl)phthalate	21.50	149	1997425	45.14	ng		94
84) Di-n-octyl phthalate	22.68	149	3370895	45.63	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.42	276	4107360	45.48	ng	#	87
87) Benzo(b)fluoranthene	23.79	252	3358656	43.88	ng	#	95
88) Benzo(k)fluoranthene	23.85	252	3340017	45.27	ng	#	97
89) Benzo(a)pyrene	24.65	252	3311815	44.82	ng	#	96
90) Dibenzo(a,h)anthracene	28.46	278	3488880	45.97	ng	#	93
91) Benzo(g,h,i)perylene	29.55	276	3420961	45.07	ng	#	88

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

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