Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031152.D
Acq On : 21 Nov 2017 13:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 22 00:28:50 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	45741	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	205406	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	136410	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	342815	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	411281	20.00	ng		0.00
86) Perylene-d12	25.07	264	417512	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	226281	84.83	ng		-0.01
7) Phenol-d6	7.31	99	302364	84.14	ng		0.00
23) Nitrobenzene-d5	9.30	82	280217	80.84	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	150365	68.14	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	796471	83.90	ng		-0.02
78) Terphenyl-d14	20.09	244	1442024	77.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	45903	42.405	ng	#	81
3) Pyridine	3.96	79	132336	42.110	ng		89
4) n-Nitrosodimethylamine	3.87	42	56988	38.262	ng	#	94
6) Aniline	7.46	93	193650	40.946	ng		94
8) 2-Chlorophenol	7.71	128	122873	41.741	ng		90
9) Benzaldehyde	7.27	77	95557	37.998	ng		83
10) Phenol	7.33	94	153705	41.185	ng		92
11) bis(2-Chloroethyl)ether	7.55	93	122946	41.259	ng		89
12) 1,3-Dichlorobenzene	8.03	146	143283	41.486	ng		94
13) 1,4-Dichlorobenzene	8.18	146	148546	42.443	ng		94
14) 1,2-Dichlorobenzene	8.49	146	142260	42.349	ng		98
15) Benzyl Alcohol	8.38	79	114881	39.853	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.66	45	126826	38.532	ng		91
17) 2-Methylphenol	8.59	107	106323	40.911	ng		95
18) Hexachloroethane	9.23	117	51299	42.114	ng		94
19) n-Nitroso-di-n-propylamine	8.94	70	106811	39.090	ng	#	94
20) 3+4-Methylphenols	8.92	107	149563	40.472	ng		93
22) Acetophenone	8.96	105	207479	40.568	ng	#	92
24) Nitrobenzene	9.35	77	143103	40.414	ng		90
25) Isophorone	9.87	82	260747	38.570	ng	#	91
26) 2-Nitrophenol	10.06	139	77699	42.097	ng	#	87
27) 2,4-Dimethylphenol	10.12	122	110553	40.346	ng		95
28) bis(2-Chloroethoxy)methane	10.34	93	174019	40.870	ng		96
29) 2,4-Dichlorophenol	10.61	162	137484	41.784	ng		91
30) 1,2,4-Trichlorobenzene	10.81	180	164334	41.833	ng		96
31) Naphthalene	11.00	128	415638	41.162	ng		98
32) Benzoic acid	10.27	122	67781	31.859	ng	#	81
33) 4-Chloroaniline	11.11	127	184033	41.633	ng		94
34) Hexachlorobutadiene	11.28	225	109955	40.359	ng		97
35) Caprolactam	11.88	113	49114	36.540	ng	#	68
36) 4-Chloro-3-methylphenol	12.24	107	140657	39.277	ng	#	86
37) 2-Methylnaphthalene	12.60	142	321080	41.190	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	230526	42.579	ng		96
40) Hexachlorocyclopentadiene	12.94	237	92616	50.749	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	125144	40.434	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	133047	39.289	ng		93
45) 1,1'-Biphenyl	13.59	154	475208	42.011	ng		98
46) 2-Chloronaphthalene	13.64	162	343387	42.075	ng		94
47) 2-Nitroaniline	13.85	65	95804	39.605	ng	#	76
48) Acenaphthylene	14.49	152	551593	41.294	ng		98
49) Dimethylphthalate	14.20	163	469714	39.825	ng		100
50) 2,6-Dinitrotoluene	14.33	165	101624	41.803	ng	#	74
51) Acenaphthene	14.82	154	349276	41.867	ng		99
52) 3-Nitroaniline	14.67	138	104036	40.304	ng	#	78
53) 2,4-Dinitrophenol	14.89	184	43851	36.249	ng	#	49
54) Dibenzofuran	15.16	168	552809	41.602	ng		100
55) 4-Nitrophenol	14.99	139	67064	36.472	ng	#	76
56) 2,4-Dinitrotoluene	15.12	165	144420	41.093	ng	#	72
57) Fluorene	15.80	166	441574	40.932	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	126262	39.121	ng	#	88
59) Diethylphthalate	15.56	149	470190	39.246	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	267154	41.003	ng		92
61) 4-Nitroaniline	15.83	138	114069	41.732	ng		89
62) Azobenzene	16.08	77	368033	40.279	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	94947	41.668	ng		78
65) n-Nitrosodiphenylamine	16.00	169	429331	41.329	ng		100
66) 4-Bromophenyl-phenylether	16.68	248	169103	38.947	ng		97
67) Hexachlorobenzene	16.81	284	173632	37.636	ng		95
68) Atrazine	16.94	200	169539	39.556	ng		97
69) Pentachlorophenol	17.16	266	88592	34.739	ng		99
70) Phenanthrene	17.54	178	749435	41.987	ng		99
71) Anthracene	17.64	178	751879	42.039	ng		98
72) Carbazole	17.90	167	701953	41.887	ng		99
73) Di-n-butylphthalate	18.44	149	841516	40.898	ng		99
74) Fluoranthene	19.54	202	982097	43.456	ng		98
76) Benzidine	19.72	184	499812	37.832	ng		98
77) Pyrene	19.90	202	1011430	41.443	ng		97
79) Butylbenzylphthalate	20.77	149	414848	42.632	ng	#	84
80) Benzo(a)anthracene	21.75	228	1039454	40.688	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	401475	38.931	ng		98
82) Chrysene	21.82	228	977941	41.382	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	590305	42.025	ng		99
84) Di-n-octyl phthalate	22.86	149	1007572	44.072	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1141426	39.730	ng	#	79
87) Benzo(b)fluoranthene	24.03	252	1021068	40.430	ng		98
88) Benzo(k)fluoranthene	24.10	252	1040439	41.563	ng		98
89) Benzo(a)pyrene	24.92	252	987184	41.146	ng		98
90) Dibenzo(a,h)anthracene	28.92	278	974442	39.736	ng		98
91) Benzo(g,h,i)perylene	30.06	276	932276	39.170	ng		99

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

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