Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031169.D
Acq On : 22 Nov 2017 2:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 22 03:37:12 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	56303	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	257961	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	171423	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	432157	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	497660	20.00	ng		-0.01
86) Perylene-d12	25.07	264	494384	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	275770	83.99	ng		-0.02
7) Phenol-d6	7.30	99	374760	84.72	ng		0.00
23) Nitrobenzene-d5	9.30	82	346221	79.53	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	186283	67.18	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	976988	81.89	ng		-0.02
78) Terphenyl-d14	20.09	244	1723335	76.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	55252	41.467	ng	#	80
3) Pyridine	3.95	79	162073	41.898	ng		88
4) n-Nitrosodimethylamine	3.86	42	71599	39.054	ng	#	91
6) Aniline	7.45	93	239090	41.070	ng		94
8) 2-Chlorophenol	7.70	128	153698	42.417	ng		88
9) Benzaldehyde	7.27	77	114468	36.979	ng		83
10) Phenol	7.33	94	193460	42.113	ng		92
11) bis(2-Chloroethyl)ether	7.55	93	155676	42.443	ng		90
12) 1,3-Dichlorobenzene	8.02	146	177969	41.863	ng		96
13) 1,4-Dichlorobenzene	8.17	146	179987	41.780	ng		97
14) 1,2-Dichlorobenzene	8.49	146	170720	41.288	ng		97
15) Benzyl Alcohol	8.38	79	141098	39.766	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.66	45	157231	38.808	ng		92
17) 2-Methylphenol	8.59	107	131891	41.229	ng		95
18) Hexachloroethane	9.22	117	61909	41.290	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	132692	39.452	ng	#	92
20) 3+4-Methylphenols	8.92	107	187556	41.232	ng		95
22) Acetophenone	8.96	105	257468	40.086	ng	#	93
24) Nitrobenzene	9.35	77	177363	39.885	ng		91
25) Isophorone	9.87	82	323842	38.143	ng	#	93
26) 2-Nitrophenol	10.06	139	97233	41.948	ng	#	88
27) 2,4-Dimethylphenol	10.12	122	139799	40.625	ng		96
28) bis(2-Chloroethoxy)methane	10.34	93	215904	40.377	ng		95
29) 2,4-Dichlorophenol	10.61	162	172149	41.660	ng		91
30) 1,2,4-Trichlorobenzene	10.81	180	204012	41.353	ng		97
31) Naphthalene	11.00	128	514461	40.569	ng		98
32) Benzoic acid	10.27	122	95677	35.107	ng	#	83
33) 4-Chloroaniline	11.11	127	227572	40.994	ng		95
34) Hexachlorobutadiene	11.28	225	137665	40.236	ng		96
35) Caprolactam	11.88	113	59771	35.409	ng	#	72
36) 4-Chloro-3-methylphenol	12.24	107	178059	39.591	ng	#	91
37) 2-Methylnaphthalene	12.60	142	401216	40.985	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	285816	42.009	ng		96
40) Hexachlorocyclopentadiene	12.94	237	125665	53.945	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	157831	40.579	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	171340	40.263	ng		93
45) 1,1'-Biphenyl	13.59	154	586759	41.278	ng		99
46) 2-Chloronaphthalene	13.64	162	430052	41.931	ng		97
47) 2-Nitroaniline	13.85	65	117633	38.696	ng	#	74
48) Acenaphthylene	14.49	152	688541	41.018	ng		98
49) Dimethylphthalate	14.20	163	586485	39.569	ng		99
50) 2,6-Dinitrotoluene	14.33	165	125731	41.156	ng	#	73
51) Acenaphthene	14.82	154	429734	40.991	ng		99
52) 3-Nitroaniline	14.67	138	131877	40.654	ng	#	77
53) 2,4-Dinitrophenol	14.89	184	56586	37.065	ng	#	50
54) Dibenzofuran	15.16	168	680094	40.727	ng		99
55) 4-Nitrophenol	14.99	139	79475	34.394	ng	#	79
56) 2,4-Dinitrotoluene	15.13	165	183262	41.494	ng	#	71
57) Fluorene	15.80	166	550019	40.570	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.39	232	158026	38.962	ng	#	88
59) Diethylphthalate	15.56	149	586631	38.964	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	332001	40.549	ng		92
61) 4-Nitroaniline	15.83	138	142888	41.598	ng		86
62) Azobenzene	16.08	77	455268	39.650	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	118881	41.386	ng		79
65) n-Nitrosodiphenylamine	16.00	169	533063	40.706	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	211577	38.655	ng		96
67) Hexachlorobenzene	16.81	284	217701	37.433	ng		95
68) Atrazine	16.94	200	211783	39.197	ng		98
69) Pentachlorophenol	17.16	266	105828	32.919	ng		98
70) Phenanthrene	17.54	178	930515	41.354	ng		98
71) Anthracene	17.64	178	938482	41.625	ng		99
72) Carbazole	17.91	167	875192	41.428	ng		99
73) Di-n-butylphthalate	18.44	149	1040045	40.096	ng		100
74) Fluoranthene	19.54	202	1195754	41.972	ng		97
76) Benzidine	19.72	184	598064	37.412	ng		98
77) Pyrene	19.90	202	1237409	41.902	ng		97
79) Butylbenzylphthalate	20.77	149	503118	42.729	ng		85
80) Benzo(a)anthracene	21.75	228	1261580	40.811	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	490186	39.283	ng		97
82) Chrysene	21.82	228	1172512	41.004	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	701960	41.300	ng		99
84) Di-n-octyl phthalate	22.86	149	1195105	43.201	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.87	276	1335815	38.426	ng		98
87) Benzo(b)fluoranthene	24.03	252	1222036	40.864	ng		98
88) Benzo(k)fluoranthene	24.09	252	1218850	41.119	ng		98
89) Benzo(a)pyrene	24.92	252	1170965	41.217	ng		99
90) Dibenzo(a,h)anthracene	28.93	278	1138033	39.191	ng		97
91) Benzo(g,h,i)perylene	30.07	276	1096379	38.902	ng		98

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

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