Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032545.D
Acq On : 5 Feb 2018 22:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc : MDL8PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 06 03:23:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	21489	20.00	ng		-0.01
21) Naphthalene-d8	11.58	136	89564	20.00	ng		-0.02
38) Acenaphthene-d10	15.34	164	67099	20.00	ng		-0.01
63) Phenanthrene-d10	18.08	188	162088	20.00	ng		-0.01
75) Chrysene-d12	22.41	240	207961	20.00	ng		-0.01
86) Perylene-d12	26.07	264	240763	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	81999	76.64	ng		0.00
7) Phenol-d6	7.83	99	110439	77.36	ng		0.00
23) Nitrobenzene-d5	9.91	82	117144	81.69	ng		-0.01
41) 2,4,6-Tribromophenol	16.82	330	101448	79.43	ng		-0.02
44) 2-Fluorobiphenyl	13.97	172	430005	76.17	ng		-0.02
78) Terphenyl-d14	20.61	244	783134	80.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	13731	38.146	ng	#	72
3) Pyridine	4.26	79	36030	37.069	ng	#	80
4) n-Nitrosodimethylamine	4.17	42	17858	35.295	ng	#	83
6) Aniline	8.01	93	66201	37.191	ng		97
8) 2-Chlorophenol	8.26	128	50098	39.614	ng	#	80
9) Benzaldehyde	7.81	77	25153	34.111	ng		98
10) Phenol	7.85	94	51256	37.806	ng		91
11) bis(2-Chloroethyl)ether	8.09	93	42919	41.547	ng	#	81
12) 1,3-Dichlorobenzene	8.59	146	70221	41.058	ng		99
13) 1,4-Dichlorobenzene	8.75	146	65431	38.170	ng		95
14) 1,2-Dichlorobenzene	9.08	146	68661	40.888	ng		95
15) Benzyl Alcohol	8.95	79	41549	35.312	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.23	45	36743	37.536	ng		71
17) 2-Methylphenol	9.15	107	40719	36.979	ng		97
18) Hexachloroethane	9.83	117	23674	41.134	ng	#	78
19) n-Nitroso-di-n-propylamine	9.52	70	35447	37.447	ng	#	92
20) 3+4-Methylphenols	9.49	107	61328	39.706	ng		93
22) Acetophenone	9.55	105	79041	37.648	ng	#	93
24) Nitrobenzene	9.96	77	56522	40.764	ng		91
25) Isophorone	10.47	82	98918	40.514	ng	#	84
26) 2-Nitrophenol	10.68	139	35227	42.028	ng	#	82
27) 2,4-Dimethylphenol	10.71	122	48647	40.436	ng		95
28) bis(2-Chloroethoxy)methane	10.96	93	51731	38.637	ng	#	95
29) 2,4-Dichlorophenol	11.22	162	62383	39.143	ng		89
30) 1,2,4-Trichlorobenzene	11.44	180	80600	37.945	ng		96
31) Naphthalene	11.64	128	179817	41.107	ng		98
32) Benzoic acid	10.85	122	26330	32.170	ng	#	74
33) 4-Chloroaniline	11.74	127	77435	39.689	ng	#	92
34) Hexachlorobutadiene	11.91	225	67664	40.943	ng		95
35) Caprolactam	12.50	113	17160	37.507	ng	#	37
36) 4-Chloro-3-methylphenol	12.82	107	59536	39.383	ng		87
37) 2-Methylnaphthalene	13.21	142	147810	40.221	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	120004	38.229	ng	#	95
40) Hexachlorocyclopentadiene	13.53	237	72331	36.879	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	64637	37.855	ng		99
43) 2,4,5-Trichlorophenol	13.86	196	73965	37.160	ng	#	91
45) 1,1'-Biphenyl	14.18	154	226038	39.873	ng		95
46) 2-Chloronaphthalene	14.23	162	173615	39.075	ng		98
47) 2-Nitroaniline	14.43	65	38077	38.753	ng	#	72
48) Acenaphthylene	15.07	152	266353	39.654	ng		98
49) Dimethylphthalate	14.77	163	229262	37.056	ng		98
50) 2,6-Dinitrotoluene	14.90	165	48507	37.355	ng	#	79
51) Acenaphthene	15.41	154	180930	38.840	ng		98
52) 3-Nitroaniline	15.24	138	44028	38.818	ng	#	78
53) 2,4-Dinitrophenol	15.44	184	25102	33.484	ng	#	73
54) Dibenzofuran	15.74	168	251570	36.486	ng		95
55) 4-Nitrophenol	15.53	139	29657	34.926	ng	#	71
56) 2,4-Dinitrotoluene	15.69	165	69974	37.847	ng	#	67
57) Fluorene	16.38	166	216265	37.746	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	72113	36.733	ng	#	87
59) Diethylphthalate	16.11	149	226518	37.592	ng		96
60) 4-Chlorophenyl-phenylether	16.36	204	134855	37.326	ng		94
61) 4-Nitroaniline	16.40	138	44641	36.721	ng		84
62) Azobenzene	16.65	77	137662	38.229	ng		84
64) 4,6-Dinitro-2-methylphenol	16.44	198	42406	35.020	ng	#	71
65) n-Nitrosodiphenylamine	16.57	169	191469	39.582	ng		97
66) 4-Bromophenyl-phenylether	17.25	248	97704	40.688	ng		94
67) Hexachlorobenzene	17.38	284	110791	41.691	ng	#	91
68) Atrazine	17.49	200	82402	39.682	ng		97
69) Pentachlorophenol	17.72	266	64401	38.686	ng		98
70) Phenanthrene	18.12	178	356477	39.437	ng		99
71) Anthracene	18.21	178	369512	41.055	ng		97
72) Carbazole	18.47	167	321511	40.430	ng		98
73) Di-n-butylphthalate	18.98	149	378058	42.939	ng		99
74) Fluoranthene	20.09	202	481644	40.631	ng		95
76) Benzidine	20.24	184	168990	41.383	ng		96
77) Pyrene	20.44	202	502276	39.378	ng		99
79) Butylbenzylphthalate	21.30	149	171918	42.731	ng	#	77
80) Benzo(a)anthracene	22.38	228	517228	40.119	ng		98
81) 3,3'-Dichlorobenzidine	22.28	252	205990	41.239	ng	#	97
82) Chrysene	22.46	228	494856	39.745	ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	238038	41.727	ng	#	98
84) Di-n-octyl phthalate	23.59	149	411817	45.514	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.33	276	677769	43.031	ng	#	84
87) Benzo(b)fluoranthene	24.90	252	555247	38.168	ng	#	95
88) Benzo(k)fluoranthene	24.97	252	524848	36.420	ng	#	96
89) Benzo(a)pyrene	25.90	252	559563	40.347	ng	#	96
90) Dibenzo(a,h)anthracene	30.40	278	562666	39.659	ng	#	94
91) Benzo(g,h,i)perylene	31.67	276	551073	39.132	ng	#	92

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

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