Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
Data File : BG028908.D
Acq On : 25 Sep 2017 15:15
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/26/2017 8:42:47 AM

Quant Time: Sep 26 01:40:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	31492	20.00	ng		-0.05
21) Naphthalene-d8	11.10	136	125423	20.00	ng		-0.05
38) Acenaphthene-d10	14.90	164	91887	20.00	ng		-0.05
63) Phenanthrene-d10	17.64	188	263692	20.00	ng		-0.05
75) Chrysene-d12	21.97	240	320502	20.00	ng		-0.06
86) Perylene-d12	25.42	264	321194	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	148693	77.91	ng		-0.06
7) Phenol-d6	7.43	99	221842	77.20	ng		-0.06
23) Nitrobenzene-d5	9.45	82	219653	83.78	ng		-0.05
41) 2,4,6-Tribromophenol	16.39	330	143251	94.26	ng		-0.05
44) 2-Fluorobiphenyl	13.51	172	553160	80.27	ng		-0.05
78) Terphenyl-d14	20.24	244	1216543	80.95	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	28268	36.575	ng	#	94
3) Pyridine	4.17	79	82203	37.285	ng		95
4) n-Nitrosodimethylamine	4.08	42	41711	41.590	ng	#	66
6) Aniline	7.60	93	131757	39.398	ng		96
8) 2-Chlorophenol	7.84	128	84053	39.506	ng		95
9) Benzaldehyde	7.42	77	67300	37.750	ng		85
10) Phenol	7.46	94	113633	37.470	ng		90
11) bis(2-Chloroethyl)ether	7.69	93	82182	37.745	ng		88
12) 1,3-Dichlorobenzene	8.17	146	91405	39.898	ng		91
13) 1,4-Dichlorobenzene	8.31	146	94241	40.004	ng		96
14) 1,2-Dichlorobenzene	8.64	146	88741	38.129	ng		95
15) Benzyl Alcohol	8.51	79	72751	32.432	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.80	45	145146	36.680	ng		99
17) 2-Methylphenol	8.71	107	75103	37.898	ng		93
18) Hexachloroethane	9.36	117	33895	39.256	ng		91
19) n-Nitroso-di-n-propylamine	9.07	70	76429	37.520	ng		89
20) 3+4-Methylphenols	9.04	107	106107	38.280	ng		92
22) Acetophenone	9.11	105	148695	40.547	ng	#	85
24) Nitrobenzene	9.50	77	116939	40.279	ng	#	91
25) Isophorone	10.01	82	212026	39.967	ng	#	96
26) 2-Nitrophenol	10.21	139	50042	40.499	ng		90
27) 2,4-Dimethylphenol	10.25	122	85523	37.865	ng		96
28) bis(2-Chloroethoxy)methane	10.48	93	113499	39.397	ng	#	97
29) 2,4-Dichlorophenol	10.75	162	92388	41.112	ng		93
30) 1,2,4-Trichlorobenzene	10.96	180	101520	39.600	ng		98
31) Naphthalene	11.15	128	264896	40.438	ng		98
32) Benzoic acid	10.41	122	51401	34.068	ng		89
33) 4-Chloroaniline	11.26	127	112278	40.915	ng		93
34) Hexachlorobutadiene	11.42	225	74904	39.669	ng		98
35) Caprolactam	12.03	113	37710	46.795	ng	#	84
36) 4-Chloro-3-methylphenol	12.37	107	120811	41.308	ng		98
37) 2-Methylnaphthalene	12.74	142	197202	40.321	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	152130	40.266	ng	#	96
40) Hexachlorocyclopentadiene	13.07	237	67641	49.309	ng		99

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.34	196	94390	39.363	ng		96
43) 2,4,5-Trichlorophenol	13.42	196	99694	41.375	ng	#	89
45) 1,1'-Biphenyl	13.73	154	306522	40.290	ng		97
46) 2-Chloronaphthalene	13.78	162	222378	40.075	ng		97
47) 2-Nitroaniline	13.98	65	91768	44.498	ng		94
48) Acenaphthylene	14.62	152	363780	41.034	ng		97
49) Dimethylphthalate	14.34	163	330179	42.851	ng		98
50) 2,6-Dinitrotoluene	14.47	165	74564	43.490	ng		83
51) Acenaphthene	14.96	154	224853	41.752	ng		97
52) 3-Nitroaniline	14.81	138	71573	47.206	ng		91
53) 2,4-Dinitrophenol	15.02	184	35115	42.983	ng		89
54) Dibenzofuran	15.29	168	362954	42.262	ng		95
55) 4-Nitrophenol	15.12	139	47160	42.455	ng	#	67
56) 2,4-Dinitrotoluene	15.27	165	113081	46.907	ng	#	89
57) Fluorene	15.95	166	336060	43.831	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.52	232	92938	43.764	ng	#	92
59) Diethylphthalate	15.69	149	349572	44.147	ng		97
60) 4-Chlorophenyl-phenylether	15.92	204	182964	41.908	ng		95
61) 4-Nitroaniline	15.98	138	79830	49.700	ng		90
62) Azobenzene	16.22	77	292072	43.858	ng		93
64) 4,6-Dinitro-2-methylphenol	16.03	198	71549	42.050	ng		95
65) n-Nitrosodiphenylamine	16.14	169	292719	38.724	ng		99
66) 4-Bromophenyl-phenylether	16.82	248	132650	39.095	ng		96
67) Hexachlorobenzene	16.95	284	152275	39.432	ng	#	85
68) Atrazine	17.09	200	120109	37.006	ng		96
69) Pentachlorophenol	17.30	266	68347	39.172	ng		93
70) Phenanthrene	17.69	178	558548	41.421	ng		96
71) Anthracene	17.79	178	552967	40.594	ng		97
72) Carbazole	18.06	167	530051	43.205	ng		95
73) Di-n-butylphthalate	18.58	149	639587	42.518	ng	#	94
74) Fluoranthene	19.69	202	725410	44.058	ng		92
76) Benzidine	19.87	184	465000	55.947	ng		98
77) Pyrene	20.05	202	743038	40.193	ng		95
79) Butylbenzylphthalate	20.92	149	292023	39.113	ng		90
80) Benzo(a)anthracene	21.95	228	776264	40.238	ng		92
81) 3,3'-Dichlorobenzidine	21.85	252	310590	39.708	ng	#	98
82) Chrysene	22.02	228	731945	39.986	ng		95
83) Bis(2-ethylhexyl)phthalate	21.80	149	419353	39.508	ng		99
84) Di-n-octyl phthalate	23.09	149	737128	39.748	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.40	276	946936	40.262	ng	#	75
87) Benzo(b)fluoranthene	24.33	252	781309m	40.601	ng		
88) Benzo(k)fluoranthene	24.39	252	801570	41.701	ng		95
89) Benzo(a)pyrene	25.27	252	756516	41.417	ng		98
90) Dibenzo(a,h)anthracene	29.45	278	772870	40.585	ng		99
91) Benzo(g,h,i)perylene	30.65	276	760502	40.929	ng		99

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

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