Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091417\
Data File : BG028729.D
Acq On : 14 Sep 2017 12:45
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/15/2017 5:45:52 PM

Quant Time: Sep 15 08:06:43 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	8.33	152	30276	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	128646	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	91968	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	251903	20.00	ng		0.00
75) Chrysene-d12	22.03	240	299690	20.00	ng		0.00
86) Perylene-d12	25.52	264	305023	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	148346	80.85	ng		0.00
7) Phenol-d6	7.48	99	218218	78.99	ng		0.00
23) Nitrobenzene-d5	9.50	82	210082	78.12	ng		0.00
41) 2,4,6-Tribromophenol	16.43	330	130098	85.53	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	539387	78.20	ng		0.00
78) Terphenyl-d14	20.27	244	1123129	79.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.84	88	28864	38.846	ng	#	93
3) Pyridine	4.23	79	82462	38.905	ng		92
4) n-Nitrosodimethylamine	4.15	42	37020	38.395	ng	#	75
6) Aniline	7.65	93	130040	40.446	ng		95
8) 2-Chlorophenol	7.90	128	81544	39.866	ng		90
9) Benzaldehyde	7.47	77	62842	36.665	ng		86
10) Phenol	7.51	94	113301	38.861	ng		89
11) bis(2-Chloroethyl)ether	7.74	93	80564	38.488	ng		94
12) 1,3-Dichlorobenzene	8.22	146	88923	40.373	ng		90
13) 1,4-Dichlorobenzene	8.37	146	92355	40.778	ng		99
14) 1,2-Dichlorobenzene	8.69	146	88903	39.733	ng		99
15) Benzyl Alcohol	8.56	79	80916	37.521	ng	#	92
16) 2,2'-oxybis(1-Chloropropan	8.85	45	142267	37.397	ng		96
17) 2-Methylphenol	8.76	107	73841	38.758	ng		90
18) Hexachloroethane	9.41	117	32756	39.461	ng		89
19) n-Nitroso-di-n-propylamine	9.12	70	77192	39.416	ng		89
20) 3+4-Methylphenols	9.09	107	103539	38.854	ng		96
22) Acetophenone	9.15	105	148041	39.357	ng	#	88
24) Nitrobenzene	9.54	77	117011	39.294	ng		93
25) Isophorone	10.06	82	205858	37.832	ng		99
26) 2-Nitrophenol	10.26	139	49179	38.804	ng		91
27) 2,4-Dimethylphenol	10.30	122	88558	38.227	ng		97
28) bis(2-Chloroethoxy)methane	10.53	93	113195	38.307	ng		97
29) 2,4-Dichlorophenol	10.79	162	89769	38.946	ng		96
30) 1,2,4-Trichlorobenzene	11.00	180	102073	38.818	ng		95
31) Naphthalene	11.20	128	264251	39.329	ng		100
32) Benzoic acid	10.45	122	60570	38.233	ng	#	77
33) 4-Chloroaniline	11.31	127	111574	39.640	ng		93
34) Hexachlorobutadiene	11.47	225	74260	38.342	ng		96
35) Caprolactam	12.08	113	32155	38.902	ng	#	90
36) 4-Chloro-3-methylphenol	12.41	107	117143	39.051	ng		95
37) 2-Methylnaphthalene	12.78	142	197214	39.314	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	149441	39.520	ng	#	96
40) Hexachlorocyclopentadiene	13.12	237	40411	32.498	ng		90

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	93677	39.032	ng		93
43) 2,4,5-Trichlorophenol	13.46	196	96306	39.934	ng	#	91
45) 1,1'-Biphenyl	13.77	154	296598	38.951	ng		98
46) 2-Chloronaphthalene	13.82	162	218138	39.276	ng		99
47) 2-Nitroaniline	14.03	65	84595	40.984	ng		91
48) Acenaphthylene	14.66	152	352426	39.718	ng		97
49) Dimethylphthalate	14.38	163	313160	40.607	ng		99
50) 2,6-Dinitrotoluene	14.51	165	70984	41.366	ng	#	81
51) Acenaphthene	15.00	154	213775	39.660	ng		93
52) 3-Nitroaniline	14.85	138	65369	43.077	ng		88
53) 2,4-Dinitrophenol	15.06	184	27689	35.561	ng		97
54) Dibenzofuran	15.34	168	348209	40.510	ng		92
55) 4-Nitrophenol	15.16	139	43960	39.539	ng	#	82
56) 2,4-Dinitrotoluene	15.30	165	106816	44.269	ng	#	83
57) Fluorene	15.99	166	311476	40.589	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.57	232	90165	42.421	ng	#	91
59) Diethylphthalate	15.73	149	321624	40.582	ng		97
60) 4-Chlorophenyl-phenylether	15.97	204	175405	40.141	ng		91
61) 4-Nitroaniline	16.01	138	72326	44.988	ng	#	85
62) Azobenzene	16.26	77	271286	40.701	ng		92
64) 4,6-Dinitro-2-methylphenol	16.07	198	63925	39.328	ng		92
65) n-Nitrosodiphenylamine	16.19	169	277646	38.449	ng		95
66) 4-Bromophenyl-phenylether	16.87	248	120942	37.313	ng		95
67) Hexachlorobenzene	17.00	284	140843	38.178	ng	#	90
68) Atrazine	17.13	200	123327	39.776	ng		98
69) Pentachlorophenol	17.35	266	62212	37.324	ng		94
70) Phenanthrene	17.74	178	517521m	40.174	ng		
71) Anthracene	17.82	178	515601	39.623	ng		98
72) Carbazole	18.10	167	480092	40.964	ng	#	94
73) Di-n-butylphthalate	18.62	149	580892	40.423	ng	#	94
74) Fluoranthene	19.73	202	654756	41.628	ng		93
76) Benzidine	19.90	184	300981	38.728	ng		96
77) Pyrene	20.10	202	677489	39.192	ng		95
79) Butylbenzylphthalate	20.96	149	269273	38.570	ng		89
80) Benzo(a)anthracene	22.00	228	714988	39.635	ng		94
81) 3,3'-Dichlorobenzidine	21.91	252	287148	39.261	ng	#	97
82) Chrysene	22.08	228	681625	39.823	ng		94
83) Bis(2-ethylhexyl)phthalate	21.86	149	387125	39.004	ng		99
84) Di-n-octyl phthalate	23.15	149	676774	39.028	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.55	276	861281	39.163	ng	#	96
87) Benzo(b)fluoranthene	24.41	252	730871	39.994	ng		98
88) Benzo(k)fluoranthene	24.48	252	732596m	40.133	ng		
89) Benzo(a)pyrene	25.36	252	700583	40.388	ng		98
90) Dibenzo(a,h)anthracene	29.60	278	700128	38.714	ng		98
91) Benzo(g,h,i)perylene	30.82	276	694341	39.349	ng	#	93

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

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