Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
Data File : BG030522.D
Acq On : 28 Oct 2017 7:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
10/30/2017 6:23:01 PM

Quant Time: Oct 30 01:29:17 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	65168	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	310151	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	198790	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	467822	20.00	ng		0.00
75) Chrysene-d12	21.80	240	489393	20.00	ng		0.00
86) Perylene-d12	25.11	264	482908	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	322517	82.68	ng		0.00
7) Phenol-d6	7.32	99	443834	81.06	ng		0.00
23) Nitrobenzene-d5	9.33	82	410288	84.06	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	194300	75.70	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1057011	77.99	ng		0.00
78) Terphenyl-d14	20.11	244	1642884	76.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	65662	41.486	ng	#	84
3) Pyridine	3.99	79	189039	41.014	ng		91
4) n-Nitrosodimethylamine	3.90	42	89001	41.309	ng	#	93
6) Aniline	7.48	93	270826	39.942	ng		97
8) 2-Chlorophenol	7.73	128	171134	38.273	ng		90
9) Benzaldehyde	7.29	77	136132	49.428	ng		93
10) Phenol	7.35	94	224983	38.112	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	169919	39.507	ng		93
12) 1,3-Dichlorobenzene	8.06	146	192732	38.392	ng		97
13) 1,4-Dichlorobenzene	8.20	146	200514	39.122	ng		96
14) 1,2-Dichlorobenzene	8.52	146	188296	38.089	ng		98
15) Benzyl Alcohol	8.40	79	164143	42.538	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	242164m	33.154	ng		
17) 2-Methylphenol	8.60	107	152953	39.004	ng		97
18) Hexachloroethane	9.26	117	65294	37.382	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	154944	41.616	ng	#	96
20) 3+4-Methylphenols	8.93	107	218247	39.498	ng		96
22) Acetophenone	8.99	105	289110	38.680	ng	#	95
24) Nitrobenzene	9.37	77	210604	38.378	ng		93
25) Isophorone	9.90	82	366684	35.989	ng	#	93
26) 2-Nitrophenol	10.09	139	106411	40.572	ng		90
27) 2,4-Dimethylphenol	10.14	122	155340	32.736	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	243404	38.959	ng		97
29) 2,4-Dichlorophenol	10.63	162	194311	38.399	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	216907	39.677	ng		99
31) Naphthalene	11.04	128	590318	38.190	ng		99
32) Benzoic acid	10.21	122	15961	4.017	ng	#	78
33) 4-Chloroaniline	11.14	127	263101	40.464	ng		96
34) Hexachlorobutadiene	11.31	225	134607	39.602	ng		97
35) Caprolactam	11.90	113	65439	38.911	ng		89
36) 4-Chloro-3-methylphenol	12.25	107	204635	36.768	ng	#	88
37) 2-Methylnaphthalene	12.62	142	446118	39.600	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	287845	39.660	ng		98
40) Hexachlorocyclopentadiene	12.97	237	81006	32.406	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	165390	36.300	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	181678	38.828	ng		98
45) 1,1'-Biphenyl	13.62	154	652061	38.162	ng		96
46) 2-Chloronaphthalene	13.67	162	466929	37.464	ng		97
47) 2-Nitroaniline	13.86	65	146566	42.814	ng	#	88
48) Acenaphthylene	14.51	152	766420	39.292	ng		99
49) Dimethylphthalate	14.23	163	610729	39.376	ng		99
50) 2,6-Dinitrotoluene	14.35	165	131704	40.507	ng	#	83
51) Acenaphthene	14.85	154	478274	37.686	ng		99
52) 3-Nitroaniline	14.68	138	141615	40.363	ng	#	82
53) 2,4-Dinitrophenol	14.90	184	2854	8.093	ng	#	67
54) Dibenzofuran	15.18	168	741709	40.939	ng		98
55) 4-Nitrophenol	14.99	139	77089	26.651	ng	#	79
56) 2,4-Dinitrotoluene	15.14	165	183601	41.714	ng	#	80
57) Fluorene	15.83	166	585291	39.106	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	135889	34.810	ng		95
59) Diethylphthalate	15.58	149	611433	39.556	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	337082	42.242	ng		96
61) 4-Nitroaniline	15.84	138	138105	38.334	ng		85
62) Azobenzene	16.11	77	533357	40.918	ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	21591	12.270	ng		85
65) n-Nitrosodiphenylamine	16.03	169	558850	39.878	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	209315	38.992	ng		98
67) Hexachlorobenzene	16.83	284	225351	37.060	ng		96
68) Atrazine	16.97	200	205333	41.064	ng		98
69) Pentachlorophenol	17.17	266	47246	13.526	ng		97
70) Phenanthrene	17.57	178	931249	38.532	ng		99
71) Anthracene	17.66	178	932207	38.414	ng		99
72) Carbazole	17.92	167	870944	37.361	ng		99
73) Di-n-butylphthalate	18.46	149	1042380	38.878	ng		100
74) Fluoranthene	19.56	202	1127546	39.889	ng		97
76) Benzidine	19.73	184	558584	37.802	ng		99
77) Pyrene	19.92	202	1163624	39.196	ng		97
79) Butylbenzylphthalate	20.79	149	486540	38.467	ng		89
80) Benzo(a)anthracene	21.78	228	1135818	39.530	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	458140	38.630	ng		97
82) Chrysene	21.84	228	1077878	39.171	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	640933	35.309	ng		98
84) Di-n-octyl phthalate	22.90	149	1156749	36.565	ng		96
85) Indeno(1,2,3-cd)pyrene	28.92	276	899919	26.583	ng	#	72
87) Benzo(b)fluoranthene	24.06	252	1015387	36.727	ng		99
88) Benzo(k)fluoranthene	24.12	252	1241567	45.077	ng		98
89) Benzo(a)pyrene	24.96	252	1055316	39.706	ng		98
90) Dibenzo(a,h)anthracene	28.96	278	895454m	33.279	ng		
91) Benzo(g,h,i)perylene	30.09	276	760772m	30.429	ng		

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

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