Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031561.D
Acq On : 14 Dec 2017 16:40
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/15/2017 6:46:54 PM

Quant Time: Dec 15 10:18:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	69132	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	300856	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	198865	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	484603	20.00	ng		0.00
75) Chrysene-d12	21.74	240	521665	20.00	ng		0.00
86) Perylene-d12	25.03	264	482264	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	323224	82.87	ng		-0.01
7) Phenol-d6	7.27	99	429406	79.31	ng		0.00
23) Nitrobenzene-d5	9.27	82	412070	84.42	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	205654	88.27	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1117614	82.49	ng		0.00
78) Terphenyl-d14	20.06	244	1836838	80.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	69116	37.140	ng	#	85
3) Pyridine	3.91	79	192962	39.383	ng		89
4) n-Nitrosodimethylamine	3.82	42	90365	39.156	ng	#	94
6) Aniline	7.42	93	276309	38.751	ng		93
8) 2-Chlorophenol	7.67	128	176886	40.659	ng		89
9) Benzaldehyde	7.23	77	119443	38.059	ng		89
10) Phenol	7.30	94	219943	39.543	ng		91
11) bis(2-Chloroethyl)ether	7.51	93	180956	39.861	ng		90
12) 1,3-Dichlorobenzene	7.99	146	207535	40.114	ng		95
13) 1,4-Dichlorobenzene	8.13	146	212231	39.471	ng		94
14) 1,2-Dichlorobenzene	8.45	146	203454	39.722	ng		97
15) Benzyl Alcohol	8.34	79	160849	37.977	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.62	45	185057	36.285	ng		92
17) 2-Methylphenol	8.55	107	147975	39.028	ng		95
18) Hexachloroethane	9.18	117	74623	41.172	ng		94
19) n-Nitroso-di-n-propylamine	8.90	70	154973	36.365	ng	#	95
20) 3+4-Methylphenols	8.88	107	212126	37.557	ng		94
22) Acetophenone	8.92	105	300710	41.664	ng	#	94
24) Nitrobenzene	9.31	77	207885	41.562	ng		92
25) Isophorone	9.83	82	384000	41.628	ng	#	91
26) 2-Nitrophenol	10.03	139	110544	44.695	ng		91
27) 2,4-Dimethylphenol	10.08	122	162184	43.167	ng		95
28) bis(2-Chloroethoxy)methane	10.31	93	251931	42.303	ng		97
29) 2,4-Dichlorophenol	10.57	162	194620	43.966	ng		93
30) 1,2,4-Trichlorobenzene	10.77	180	235373	41.627	ng		97
31) Naphthalene	10.96	128	583271	39.463	ng		98
32) Benzoic acid	10.24	122	64514m	34.104	ng		
33) 4-Chloroaniline	11.08	127	258307	40.250	ng		95
34) Hexachlorobutadiene	11.24	225	157568	42.011	ng		97
35) Caprolactam	11.85	113	68124	39.193	ng	#	82
36) 4-Chloro-3-methylphenol	12.20	107	200819	39.744	ng	#	86
37) 2-Methylnaphthalene	12.56	142	452333	39.526	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	330542	42.529	ng	#	96
40) Hexachlorocyclopentadiene	12.90	237	63547	35.433	ng		92

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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	13.17	196	175704	44.248	ng		97
43) 2,4,5-Trichlorophenol	13.26	196	192502	45.004	ng		96
45) 1,1'-Biphenyl	13.56	154	671667	41.122	ng		98
46) 2-Chloronaphthalene	13.61	162	486557	40.700	ng		95
47) 2-Nitroaniline	13.82	65	136744	40.706	ng	#	82
48) Acenaphthylene	14.45	152	763703	39.702	ng		98
49) Dimethylphthalate	14.18	163	664487	40.360	ng		100
50) 2,6-Dinitrotoluene	14.30	165	147319	41.863	ng	#	76
51) Acenaphthene	14.79	154	488254	40.142	ng		99
52) 3-Nitroaniline	14.64	138	146115	40.731	ng	#	80
53) 2,4-Dinitrophenol	14.86	184	38161m	32.096	ng		
54) Dibenzofuran	15.12	168	762076	39.263	ng		99
55) 4-Nitrophenol	14.97	139	94500	40.802	ng	#	79
56) 2,4-Dinitrotoluene	15.10	165	203557	40.725	ng	#	77
57) Fluorene	15.77	166	617042	39.676	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	181151	45.056	ng	#	89
59) Diethylphthalate	15.53	149	661996	40.114	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	371910	39.087	ng		93
61) 4-Nitroaniline	15.80	138	153532	40.783	ng		92
62) Azobenzene	16.05	77	513641	37.573	ng		95
64) 4,6-Dinitro-2-methylphenol	15.87	198	111574	39.057	ng		78
65) n-Nitrosodiphenylamine	15.97	169	592414	41.765	ng		98
66) 4-Bromophenyl-phenylether	16.65	248	236714	42.007	ng		96
67) Hexachlorobenzene	16.78	284	242451	41.666	ng		97
68) Atrazine	16.91	200	230773	44.495	ng		98
69) Pentachlorophenol	17.13	266	101671	39.438	ng		95
70) Phenanthrene	17.51	178	1004335	39.683	ng		99
71) Anthracene	17.61	178	1017410	40.646	ng		99
72) Carbazole	17.88	167	945571	41.744	ng		99
73) Di-n-butylphthalate	18.41	149	1113270	42.559	ng		99
74) Fluoranthene	19.52	202	1293817	40.849	ng		97
76) Benzidine	19.69	184	560748	46.190	ng		98
77) Pyrene	19.88	202	1316227	40.607	ng		98
79) Butylbenzylphthalate	20.74	149	523945	46.076	ng	#	83
80) Benzo(a)anthracene	21.73	228	1290301	40.979	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	494866	45.158	ng		97
82) Chrysene	21.79	228	1211060	40.121	ng		97
83) Bis(2-ethylhexyl)phthalate	21.60	149	726668	44.418	ng		100
84) Di-n-octyl phthalate	22.82	149	1168486	43.300	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.81	276	1214117	37.636	ng	#	90
87) Benzo(b)fluoranthene	23.98	252	1215558	42.160	ng		97
88) Benzo(k)fluoranthene	24.05	252	1201900	40.848	ng		98
89) Benzo(a)pyrene	24.87	252	1134073	41.464	ng		99
90) Dibenzo(a,h)anthracene	28.85	278	1015142	38.813	ng		98
91) Benzo(g,h,i)perylene	29.99	276	987459	38.402	ng		98

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

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