Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032815.D
Acq On : 26 Feb 2018 10:18
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/27/2018 10:23:04 AM

Quant Time: Feb 27 08:03:06 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	70136	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	313482	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	177551	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	379780	20.00	ng		0.00
75) Chrysene-d12	22.63	240	354438	20.00	ng		0.00
86) Perylene-d12	26.44	264	382772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	359834	82.08	ng		0.00
7) Phenol-d6	8.02	99	491273	80.40	ng		0.00
23) Nitrobenzene-d5	10.12	82	416535	91.37	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	162173	86.87	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	950464	77.21	ng		0.00
78) Terphenyl-d14	20.79	244	1199633	76.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	76278	40.092	ng		87
3) Pyridine	4.44	79	220525	42.053	ng		94
4) n-Nitrosodimethylamine	4.34	42	85276	40.561	ng	#	93
6) Aniline	8.22	93	323346	39.093	ng		97
8) 2-Chlorophenol	8.47	128	193779	40.384	ng		92
9) Benzaldehyde	8.02	77	127806	36.290	ng		93
10) Phenol	8.05	94	249430	40.493	ng		90
11) bis(2-Chloroethyl)ether	8.30	93	193186	38.354	ng		93
12) 1,3-Dichlorobenzene	8.81	146	222496	39.589	ng		96
13) 1,4-Dichlorobenzene	8.96	146	220094	38.905	ng		97
14) 1,2-Dichlorobenzene	9.30	146	212452	39.189	ng		98
15) Benzyl Alcohol	9.16	79	176494	39.289	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.46	45	315172	36.399	ng		95
17) 2-Methylphenol	9.36	107	179507	39.520	ng		93
18) Hexachloroethane	10.06	117	78376	40.690	ng	#	86
19) n-Nitroso-di-n-propylamine	9.74	70	163669	37.940	ng	#	96
20) 3+4-Methylphenols	9.68	107	250922	39.730	ng		94
22) Acetophenone	9.77	105	310731	39.249	ng	#	94
24) Nitrobenzene	10.17	77	217365	44.080	ng		91
25) Isophorone	10.69	82	424451	38.576	ng	#	94
26) 2-Nitrophenol	10.90	139	96060	52.613	ng		89
27) 2,4-Dimethylphenol	10.92	122	191367	40.036	ng		89
28) bis(2-Chloroethoxy)methane	11.17	93	248020	38.693	ng		96
29) 2,4-Dichlorophenol	11.43	162	175972	40.564	ng		95
30) 1,2,4-Trichlorobenzene	11.66	180	199228	39.178	ng		96
31) Naphthalene	11.86	128	647234	39.512	ng		99
32) Benzoic acid	11.04	122	155065	50.747	ng	#	80
33) 4-Chloroaniline	11.95	127	290214	39.624	ng		94
34) Hexachlorobutadiene	12.13	225	111186	38.980	ng		98
35) Caprolactam	12.70	113	75039	43.199	ng	#	83
36) 4-Chloro-3-methylphenol	13.01	107	210684	41.733	ng		93
37) 2-Methylnaphthalene	13.41	142	463866	39.141	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	205942	39.073	ng	#	97
40) Hexachlorocyclopentadiene	13.74	237	110559	41.159	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	137282	41.302	ng		97
43) 2,4,5-Trichlorophenol	14.05	196	165375	42.988	ng		97
45) 1,1'-Biphenyl	14.38	154	600881	38.729	ng		94
46) 2-Chloronaphthalene	14.44	162	447956	38.651	ng		97
47) 2-Nitroaniline	14.62	65	140870	48.156	ng		89
48) Acenaphthylene	15.27	152	742396	39.125	ng		99
49) Dimethylphthalate	14.97	163	573848	38.064	ng		100
50) 2,6-Dinitrotoluene	15.09	165	119164	47.801	ng	#	86
51) Acenaphthene	15.61	154	465459	39.388	ng		98
52) 3-Nitroaniline	15.42	138	142255	46.384	ng	#	86
53) 2,4-Dinitrophenol	15.62	184	34502	51.277	ng	#	1
54) Dibenzofuran	15.93	168	644051	38.276	ng		96
55) 4-Nitrophenol	15.69	139	101888	44.699	ng	#	80
56) 2,4-Dinitrotoluene	15.86	165	158515	52.985	ng	#	86
57) Fluorene	16.58	166	537717	38.718	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	124691m	41.748	ng		
59) Diethylphthalate	16.30	149	607397	38.199	ng		99
60) 4-Chlorophenyl-phenylether	16.55	204	261527	38.494	ng		92
61) 4-Nitroaniline	16.58	138	142310	44.089	ng	#	79
62) Azobenzene	16.85	77	541205	38.046	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	68006	57.090	ng		99
65) n-Nitrosodiphenylamine	16.76	169	491077	39.748	ng		97
66) 4-Bromophenyl-phenylether	17.44	248	157184	39.142	ng	#	89
67) Hexachlorobenzene	17.57	284	172596	39.772	ng	#	92
68) Atrazine	17.68	200	158570	38.992	ng		95
69) Pentachlorophenol	17.90	266	118611	43.392	ng		98
70) Phenanthrene	18.31	178	837057	39.506	ng		98
71) Anthracene	18.40	178	840168	39.497	ng		99
72) Carbazole	18.65	167	811036	38.682	ng		97
73) Di-n-butylphthalate	19.16	149	1010663	39.292	ng		99
74) Fluoranthene	20.26	202	917028	39.181	ng		96
76) Benzidine	20.42	184	654631m	54.184	ng		
77) Pyrene	20.62	202	945855	37.842	ng		96
79) Butylbenzylphthalate	21.49	149	468444	42.271	ng		92
80) Benzo(a)anthracene	22.61	228	887305	39.039	ng		98
81) 3,3'-Dichlorobenzidine	22.49	252	341169	40.530	ng	#	97
82) Chrysene	22.68	228	858538	39.543	ng		98
83) Bis(2-ethylhexyl)phthalate	22.45	149	678317	41.351	ng		95
84) Di-n-octyl phthalate	23.88	149	1085698	43.422	ng		98
85) Indeno(1,2,3-cd)pyrene	30.88	276	1028651	40.625	ng		99
87) Benzo(b)fluoranthene	25.22	252	899867	39.761	ng	#	97
88) Benzo(k)fluoranthene	25.30	252	888848	39.517	ng	#	96
89) Benzo(a)pyrene	26.26	252	855301	39.733	ng	#	94
90) Dibenzo(a,h)anthracene	30.97	278	860360	39.707	ng	#	93
91) Benzo(g,h,i)perylene	32.28	276	853229	39.947	ng	#	92

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

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