Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023295.D
Acq On : 27 Jul 2016 23:01
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
sohil
7/28/2016 4:58:30 PM

Quant Time: Jul 28 03:20:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	192643	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	876420	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	561378	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1270073	20.00	ng		0.00
75) Chrysene-d12	21.90	240	1297605	20.00	ng		0.00
86) Perylene-d12	25.30	264	1350371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	1011940	89.68	ng		0.00
7) Phenol-d6	7.29	99	1459456	84.24	ng		0.00
23) Nitrobenzene-d5	9.31	82	1384957	77.28	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	593239	102.10	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2622816	87.44	ng		0.00
78) Terphenyl-d14	20.18	244	3138311	78.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	216160	44.66	ng	#	91
3) Pyridine	3.94	79	629282	37.15	ng		92
4) n-Nitrosodimethylamine	3.86	42	256044	33.46	ng	#	69
6) Aniline	7.46	93	907057	39.20	ng		97
8) 2-Chlorophenol	7.70	128	546234	43.38	ng		97
9) Benzaldehyde	7.26	77	440897	35.43	ng		93
10) Phenol	7.32	94	758344	41.48	ng	#	80
11) bis(2-Chloroethyl)ether	7.54	93	629645	40.52	ng		89
12) 1,3-Dichlorobenzene	8.03	146	626627m	44.17	ng		
13) 1,4-Dichlorobenzene	8.17	146	626654	43.29	ng		97
14) 1,2-Dichlorobenzene	8.50	146	598501	42.86	ng		93
15) Benzyl Alcohol	8.38	79	392271	33.64	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.67	45	927408	37.51	ng		89
17) 2-Methylphenol	8.58	107	516659	41.35	ng	#	89
18) Hexachloroethane	9.23	117	242243	40.17	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	571249	36.66	ng		97
20) 3+4-Methylphenols	8.91	107	725225	42.69	ng		90
22) Acetophenone	8.97	105	925105	40.43	ng	#	90
24) Nitrobenzene	9.36	77	821063	39.45	ng	#	90
25) Isophorone	9.88	82	1466332	39.61	ng	#	94
26) 2-Nitrophenol	10.08	139	348303	44.31	ng	#	72
27) 2,4-Dimethylphenol	10.13	122	588490	44.42	ng		82
28) bis(2-Chloroethoxy)methane	10.36	93	810307	39.01	ng		99
29) 2,4-Dichlorophenol	10.62	162	563139	43.90	ng		98
30) 1,2,4-Trichlorobenzene	10.83	180	620209	43.75	ng		97
31) Naphthalene	11.03	128	1758362	43.18	ng		96
32) Benzoic acid	10.28	122	375655	37.05	ng	#	86
33) 4-Chloroaniline	11.13	127	778577	41.38	ng		91
34) Hexachlorobutadiene	11.30	225	381973	41.11	ng		97
35) Caprolactam	11.91	113	225423	41.33	ng	#	87
36) 4-Chloro-3-methylphenol	12.26	107	690306	40.96	ng		93
37) 2-Methylnaphthalene	12.63	142	1285135	42.56	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	815861	44.89	ng		99
40) Hexachlorocyclopentadiene	12.97	237	394655	45.83	ng		99

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Quant Time: Jul 28 03:20:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.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	13.24	196	491680	46.06	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	522619	46.15	ng		90
45) 1,1'-Biphenyl	13.64	154	1732711	44.26	ng		93
46) 2-Chloronaphthalene	13.68	162	1372635	43.75	ng		97
47) 2-Nitroaniline	13.89	65	535063	40.32	ng	#	88
48) Acenaphthylene	14.53	152	2112700	43.98	ng		95
49) Dimethylphthalate	14.25	163	1712319	41.33	ng		97
50) 2,6-Dinitrotoluene	14.38	165	415090	42.79	ng	#	82
51) Acenaphthene	14.88	154	1359221	43.62	ng		99
52) 3-Nitroaniline	14.72	138	435383	44.56	ng	#	77
53) 2,4-Dinitrophenol	14.92	184	252772	44.50	ng		87
54) Dibenzofuran	15.21	168	1898696	43.07	ng		96
55) 4-Nitrophenol	15.03	139	348531	41.12	ng	#	75
56) 2,4-Dinitrotoluene	15.17	165	590384	43.22	ng		92
57) Fluorene	15.86	166	1656202	42.54	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	432413	45.10	ng		94
59) Diethylphthalate	15.62	149	1739098	40.98	ng		94
60) 4-Chlorophenyl-phenylether	15.84	204	879662	41.74	ng		99
61) 4-Nitroaniline	15.89	138	451529	44.07	ng	#	62
62) Azobenzene	16.14	77	1751178	39.80	ng		89
64) 4,6-Dinitro-2-methylphenol	15.94	198	374907	45.96	ng		93
65) n-Nitrosodiphenylamine	16.07	169	1498993	44.21	ng	#	91
66) 4-Bromophenyl-phenylether	16.75	248	588129	45.80	ng		98
67) Hexachlorobenzene	16.87	284	619100	47.95	ng		95
68) Atrazine	17.01	200	564408	43.39	ng		96
69) Pentachlorophenol	17.22	266	371829	46.66	ng		97
70) Phenanthrene	17.61	178	2514569m	45.26	ng		
71) Anthracene	17.71	178	2570159	45.79	ng		93
72) Carbazole	17.98	167	2366778	46.04	ng		97
73) Di-n-butylphthalate	18.52	149	2651381	46.22	ng	#	96
74) Fluoranthene	19.63	202	2818010	44.45	ng		89
76) Benzidine	19.81	184	1303990	35.73	ng		98
77) Pyrene	19.99	202	2808186	38.13	ng		92
79) Butylbenzylphthalate	20.87	149	1368122	42.23	ng		97
80) Benzo(a)anthracene	21.87	228	2811141	41.38	ng		96
81) 3,3'-Dichlorobenzidine	21.78	252	1231786	44.72	ng	#	95
82) Chrysene	21.94	228	2687387	40.94	ng		93
83) Bis(2-ethylhexyl)phthalate	21.75	149	1902543	41.97	ng		96
84) Di-n-octyl phthalate	23.03	149	3056824	41.22	ng		98
85) Indeno(1,2,3-cd)pyrene	29.20	276	3669883	47.93	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	3060168	42.66	ng	#	94
88) Benzo(k)fluoranthene	24.29	252	2891891	40.32	ng	#	95
89) Benzo(a)pyrene	25.14	252	2929510	41.67	ng	#	96
90) Dibenzo(a,h)anthracene	29.27	278	3000304	45.12	ng	#	87
91) Benzo(g,h,i)perylene	30.43	276	3020871	43.15	ng	#	89

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

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