Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022542.D
Acq On : 24 Jun 2016 16:28
Operator : UM/SJ
Sample : SSTDICC80
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC80

Manual Integrations
APPROVED
sohil
6/27/2016 4:01:25 PM

Quant Time: Jun 24 18:38:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 14:51:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	137123	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	565611	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	395894	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	956938	20.00	ng	0.00
75) Chrysene-d12	21.86	240	1045706	20.00	ng	0.01
86) Perylene-d12	25.22	264	1051894	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1257613	70.77	ng	0.00
7) Phenol-d6	7.31	99	1765787	70.70	ng	0.00
23) Nitrobenzene-d5	9.34	82	1965940	72.30	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	953325	74.77	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	3273270	56.00	ng	0.00
78) Terphenyl-d14	0.00	244	0d	0.00	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	267805	67.97	ng	95
3) Pyridine	4.00	79	791127	85.90	ng	99
4) n-Nitrosodimethylamine	3.91	42	416852	73.31	ng	91
6) Aniline	7.49	93	1272853	79.67	ng	97
8) 2-Chlorophenol	7.74	128	660675	72.79	ng	99
9) Benzaldehyde	7.30	77	299665	56.66	ng	92
10) Phenol	7.34	94	947537	72.75	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	749133	69.13	ng	97
12) 1,3-Dichlorobenzene	8.06	146	775897	68.30	ng	96
13) 1,4-Dichlorobenzene	8.21	146	782101	69.55	ng	100
14) 1,2-Dichlorobenzene	8.53	146	749628	69.75	ng	99
15) Benzyl Alcohol	8.41	79	923356	86.06	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	876285	73.64	ng	99
17) 2-Methylphenol	8.60	107	630871	73.03	ng	97
18) Hexachloroethane	9.26	117	338718	73.80	ng	95
19) n-Nitroso-di-n-propylamine	8.99	70	755410	74.03	ng	96
20) 3+4-Methylphenols	8.93	107	866271	72.73	ng	95
22) Acetophenone	9.00	105	1197865	71.75	ng	97
24) Nitrobenzene	9.39	77	1091231	72.52	ng	96
25) Isophorone	9.91	82	1897548	71.19	ng	96
26) 2-Nitrophenol	10.10	139	420953	80.89	ng	94
27) 2,4-Dimethylphenol	10.15	122	753560	71.35	ng	93
28) bis(2-Chloroethoxy)methane	10.39	93	1022560	70.13	ng	98
29) 2,4-Dichlorophenol	10.63	162	761108	76.90	ng	97
30) 1,2,4-Trichlorobenzene	10.85	180	855042	70.80	ng	96
31) Naphthalene	11.05	128	1992853	67.23	ng	97
32) Benzoic acid	10.31	122	559404	103.15	ng	95
33) 4-Chloroaniline	11.15	127	993938	84.68	ng	99
34) Hexachlorobutadiene	11.32	225	678464	72.79	ng	96
35) Caprolactam	11.96	113	252965m	83.28	ng	
36) 4-Chloro-3-methylphenol	12.25	107	909259	73.48	ng	92
37) 2-Methylnaphthalene	12.64	142	1590912	69.62	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	1051859	66.54	ng	99
40) Hexachlorocyclopentadiene	12.98	237	885526	73.03	ng	95

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Quant Time: Jun 24 18:38:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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QLast Update : Fri Jun 24 14:51:24 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	716464	73.39	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	742019	72.57	ng		95
45) 1,1'-Biphenyl	13.64	154	2048853	63.61	ng		93
46) 2-Chloronaphthalene	13.69	162	1741730	66.37	ng	#	91
47) 2-Nitroaniline	13.88	65	740448	77.29	ng		98
48) Acenaphthylene	14.53	152	2459584	64.15	ng		93
49) Dimethylphthalate	14.26	163	2218107	62.91	ng	#	94
50) 2,6-Dinitrotoluene	14.37	165	547359	75.75	ng		97
51) Acenaphthene	14.87	154	1760261	63.22	ng		98
52) 3-Nitroaniline	14.71	138	517627	78.36	ng		95
53) 2,4-Dinitrophenol	14.90	184	377586	91.02	ng		96
54) Dibenzofuran	15.20	168	2531987	60.93	ng		89
55) 4-Nitrophenol	15.00	139	441272	78.14	ng		94
56) 2,4-Dinitrotoluene	15.16	165	778317	79.62	ng		96
57) Fluorene	15.85	166	2093903	63.92	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	790238	74.85	ng		98
59) Diethylphthalate	15.62	149	2293687	63.34	ng	#	91
60) 4-Chlorophenyl-phenylether	15.84	204	1315930	68.97	ng		96
61) 4-Nitroaniline	15.87	138	528609	75.50	ng		93
62) Azobenzene	16.14	77	2435713	61.85	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	538115	87.99	ng		97
65) n-Nitrosodiphenylamine	16.06	169	1968814	67.90	ng		92
66) 4-Bromophenyl-phenylether	16.74	248	896108	69.58	ng		99
67) Hexachlorobenzene	16.86	284	950819	69.50	ng		96
68) Atrazine	17.01	200	870383	72.52	ng		95
69) Pentachlorophenol	17.20	266	691199	76.29	ng		99
70) Phenanthrene	17.61	178	3160235	59.86	ng	#	88
71) Anthracene	17.69	178	3213824	58.54	ng	#	87
72) Carbazole	17.96	167	2848486	62.79	ng	#	88
73) Di-n-butylphthalate	18.52	149	3152960	54.87	ng	#	87
74) Fluoranthene	19.61	202	3521997	53.72	ng		82
76) Benzidine	19.79	184	1239433	224.92	ng		99
77) Pyrene	19.97	202	3550446	54.89	ng	#	79
79) Butylbenzylphthalate	20.85	149	1730103	69.73	ng	#	97
80) Benzo(a)anthracene	21.84	228	3846989	57.70	ng	#	88
81) 3,3'-Dichlorobenzidine	21.75	252	1748566	71.07	ng	#	93
82) Chrysene	21.91	228	3606772	57.80	ng	#	83
83) Bis(2-ethylhexyl)phthalate	21.74	149	2292881	63.57	ng	#	91
84) Di-n-octyl phthalate	23.01	149	3667727	60.65	ng		98
85) Indeno(1,2,3-cd)pyrene	29.09	276	5107417	68.37	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	4429220	65.97	ng	#	91
88) Benzo(k)fluoranthene	24.23	252	4158228	65.02	ng	#	88
89) Benzo(a)pyrene	25.07	252	4353156	66.46	ng	#	94
90) Dibenzo(a,h)anthracene	29.17	278	4175984	68.29	ng	#	91
91) Benzo(g,h,i)perylene	30.31	276	4264618	68.33	ng	#	95

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

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