Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021218\
Data File : BG032651.D
Acq On : 12 Feb 2018 15:51
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
2/14/2018 10:36:24 AM

Quant Time: Feb 12 17:48:06 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 15:32:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	33568	20.00	ng		0.00
21) Naphthalene-d8	11.55	136	137679	20.00	ng		0.00
38) Acenaphthene-d10	15.31	164	95577	20.00	ng		0.00
63) Phenanthrene-d10	18.05	188	243618	20.00	ng		0.00
75) Chrysene-d12	22.37	240	293222	20.00	ng		0.00
86) Perylene-d12	26.02	264	315934	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.12	112	213471	127.73	ng		0.00
7) Phenol-d6	7.80	99	288449	129.34	ng		0.00
23) Nitrobenzene-d5	9.88	82	292039	132.49	ng		0.00
41) 2,4,6-Tribromophenol	16.79	330	198446	109.08	ng		0.00
44) 2-Fluorobiphenyl	13.94	172	961823	119.61	ng		0.00
78) Terphenyl-d14	20.59	244	1548969	113.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	40880	72.70	ng	#	77
3) Pyridine	4.24	79	118310	77.92	ng	#	86
4) n-Nitrosodimethylamine	4.15	42	54372	68.79	ng	#	71
6) Aniline	7.97	93	171362	61.63	ng		97
8) 2-Chlorophenol	8.22	128	124910	63.23	ng		87
9) Benzaldehyde	7.78	77	77219m	67.04	ng		
10) Phenol	7.83	94	138311	65.31	ng		92
11) bis(2-Chloroethyl)ether	8.07	93	116992	72.50	ng	#	84
12) 1,3-Dichlorobenzene	8.56	146	167014	62.51	ng		98
13) 1,4-Dichlorobenzene	8.71	146	157168	58.69	ng		92
14) 1,2-Dichlorobenzene	9.04	146	162844	62.08	ng		97
15) Benzyl Alcohol	8.91	79	110737	60.25	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.20	45	116053	75.90	ng		74
17) 2-Methylphenol	9.11	107	99895	58.08	ng		95
18) Hexachloroethane	9.79	117	58777	65.38	ng	#	77
19) n-Nitroso-di-n-propylamine	9.49	70	99458	67.26	ng	#	88
20) 3+4-Methylphenols	9.45	107	147855	61.28	ng		92
22) Acetophenone	9.52	105	192636	59.69	ng	#	96
24) Nitrobenzene	9.92	77	146931	68.93	ng		97
25) Isophorone	10.43	82	255484	68.07	ng	#	84
26) 2-Nitrophenol	10.64	139	81754	63.45	ng	#	84
27) 2,4-Dimethylphenol	10.68	122	109246	59.07	ng		94
28) bis(2-Chloroethoxy)methane	10.92	93	134622	65.41	ng	#	95
29) 2,4-Dichlorophenol	11.18	162	152513	62.25	ng		89
30) 1,2,4-Trichlorobenzene	11.40	180	207617	63.58	ng		98
31) Naphthalene	11.60	128	422342	62.81	ng		97
32) Benzoic acid	10.84	122	77974m	62.56	ng		
33) 4-Chloroaniline	11.70	127	169000	56.35	ng		93
34) Hexachlorobutadiene	11.87	225	163390	64.32	ng		97
35) Caprolactam	12.47	113	42713	60.73	ng	#	54
36) 4-Chloro-3-methylphenol	12.78	107	141660	60.96	ng		91
37) 2-Methylnaphthalene	13.17	142	344889	61.05	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.53	216	292167	65.34	ng	#	96
40) Hexachlorocyclopentadiene	13.50	237	191607	68.58	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	155446	63.91	ng		98
43) 2,4,5-Trichlorophenol	13.83	196	178870	63.09	ng	#	94
45) 1,1'-Biphenyl	14.15	154	505601	62.61	ng		95
46) 2-Chloronaphthalene	14.20	162	402568	63.61	ng		97
47) 2-Nitroaniline	14.39	65	94519	67.53	ng	#	87
48) Acenaphthylene	15.04	152	595559	62.25	ng		98
49) Dimethylphthalate	14.74	163	529316	60.06	ng		98
50) 2,6-Dinitrotoluene	14.87	165	113765	61.51	ng	#	86
51) Acenaphthene	15.38	154	411682	62.04	ng		98
52) 3-Nitroaniline	15.21	138	96433	59.69	ng	#	79
53) 2,4-Dinitrophenol	15.41	184	54400	52.41	ng	#	77
54) Dibenzofuran	15.70	168	591470	60.22	ng		97
55) 4-Nitrophenol	15.51	139	70003	57.88	ng	#	77
56) 2,4-Dinitrotoluene	15.65	165	159520	60.57	ng	#	75
57) Fluorene	16.35	166	483695	59.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.92	232	175661	62.82	ng	#	84
59) Diethylphthalate	16.09	149	503921	58.71	ng		96
60) 4-Chlorophenyl-phenylether	16.33	204	321080	62.39	ng		95
61) 4-Nitroaniline	16.37	138	101257	58.47	ng	#	74
62) Azobenzene	16.62	77	327706	63.89	ng		85
64) 4,6-Dinitro-2-methylphenol	16.41	198	110937	60.95	ng	#	75
65) n-Nitrosodiphenylamine	16.55	169	442992	60.93	ng		99
66) 4-Bromophenyl-phenylether	17.22	248	222948	61.77	ng		95
67) Hexachlorobenzene	17.35	284	231600	57.99	ng		93
68) Atrazine	17.47	200	197006	63.12	ng		96
69) Pentachlorophenol	17.68	266	154797	61.87	ng		99
70) Phenanthrene	18.09	178	804556	59.22	ng		100
71) Anthracene	18.18	178	821428	60.72	ng		99
72) Carbazole	18.44	167	710553	59.45	ng		97
73) Di-n-butylphthalate	18.95	149	820413	62.00	ng		99
74) Fluoranthene	20.06	202	1074600	60.31	ng		94
76) Benzidine	20.22	184	450552	78.25	ng		95
77) Pyrene	20.42	202	1074192	59.73	ng		98
79) Butylbenzylphthalate	21.27	149	382647	67.45	ng	#	80
80) Benzo(a)anthracene	22.35	228	1136418	62.52	ng		99
81) 3,3'-Dichlorobenzidine	22.24	252	441357	62.67	ng	#	95
82) Chrysene	22.43	228	1113618	63.44	ng		98
83) Bis(2-ethylhexyl)phthalate	22.19	149	535186	66.54	ng	#	97
84) Di-n-octyl phthalate	23.55	149	863966	67.72	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.25	276	1383895	62.31	ng	#	86
87) Benzo(b)fluoranthene	24.85	252	1166845	61.13	ng	#	96
88) Benzo(k)fluoranthene	24.93	252	1215173	64.26	ng	#	96
89) Benzo(a)pyrene	25.85	252	1159379	63.71	ng	#	96
90) Dibenzo(a,h)anthracene	30.33	278	1150377	61.79	ng	#	94
91) Benzo(g,h,i)perylene	31.58	276	1130268	61.16	ng	#	90

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

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