Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121117\
Data File : BG031453.D
Acq On : 11 Dec 2017 13:30
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
12/12/2017 3:55:14 PM

Quant Time: Dec 11 16:44:17 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 16:31:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	39497	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	184722	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	134909	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	357868	20.00	ng		0.00
75) Chrysene-d12	21.75	240	410814	20.00	ng		0.00
86) Perylene-d12	25.05	264	382708	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	40952	17.78	ng		0.00
7) Phenol-d6	7.28	99	57672	18.59	ng		0.00
23) Nitrobenzene-d5	9.28	82	58035	18.62	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	30037	13.76	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	187365	19.96	ng		0.00
78) Terphenyl-d14	20.07	244	386362	20.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	10799	11.553	ng	#	79
3) Pyridine	3.93	79	24448	9.009	ng	#	91
4) n-Nitrosodimethylamine	3.84	42	11802	9.177	ng	#	78
6) Aniline	7.43	93	39012	9.553	ng		94
8) 2-Chlorophenol	7.68	128	23977	9.433	ng		99
9) Benzaldehyde	7.25	77	20138	9.274	ng		95
10) Phenol	7.31	94	29566	9.175	ng		93
11) bis(2-Chloroethyl)ether	7.52	93	24737	9.614	ng	#	81
12) 1,3-Dichlorobenzene	8.00	146	29073	9.749	ng		98
13) 1,4-Dichlorobenzene	8.15	146	30459	10.079	ng		94
14) 1,2-Dichlorobenzene	8.46	146	29127	10.042	ng		98
15) Benzyl Alcohol	8.35	79	19251	7.734	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	28940	10.183	ng		96
17) 2-Methylphenol	8.56	107	20151	8.980	ng		95
18) Hexachloroethane	9.19	117	10097	9.600	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	21151	8.964	ng	#	95
20) 3+4-Methylphenols	8.90	107	28240	8.850	ng		92
22) Acetophenone	8.94	105	42845	9.315	ng	#	99
24) Nitrobenzene	9.33	77	29400	9.233	ng		94
25) Isophorone	9.84	82	54331	8.937	ng	#	91
26) 2-Nitrophenol	10.05	139	12622	7.604	ng		94
27) 2,4-Dimethylphenol	10.10	122	22090	8.964	ng		89
28) bis(2-Chloroethoxy)methane	10.33	93	35615	9.301	ng	#	90
29) 2,4-Dichlorophenol	10.61	162	25209	8.519	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	34077	9.646	ng		91
31) Naphthalene	10.97	128	89453	9.851	ng		97
32) Benzoic acid	10.23	122	5305m	2.818	ng		
33) 4-Chloroaniline	11.10	127	34872	8.772	ng		93
34) Hexachlorobutadiene	11.25	225	22633	9.238	ng		97
35) Caprolactam	11.84	113	9385	7.764	ng	#	87
36) 4-Chloro-3-methylphenol	12.22	107	27928	8.672	ng	#	84
37) 2-Methylnaphthalene	12.57	142	69855	9.965	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	51123	9.548	ng		97
40) Hexachlorocyclopentadiene	12.91	237	3254	2.186	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	22838	7.461 ng		96
43) 2,4,5-Trichlorophenol	13.28	196	25256	7.541 ng	#	93
45) 1,1'-Biphenyl	13.57	154	110548	9.882 ng		94
46) 2-Chloronaphthalene	13.62	162	79638	9.866 ng		97
47) 2-Nitroaniline	13.82	65	18925	7.911 ng		91
48) Acenaphthylene	14.46	152	133588	10.112 ng		95
49) Dimethylphthalate	14.17	163	112645	9.657 ng		99
50) 2,6-Dinitrotoluene	14.31	165	21502	8.943 ng		87
51) Acenaphthene	14.80	154	83347	10.102 ng		99
52) 3-Nitroaniline	14.65	138	22840	8.947 ng	#	85
53) 2,4-Dinitrophenol	14.90	184	3060m	2.682 ng		
54) Dibenzofuran	15.13	168	136504	10.387 ng		98
55) 4-Nitrophenol	14.99	139	10300	5.664 ng	#	77
56) 2,4-Dinitrotoluene	15.11	165	30958	8.907 ng	#	79
57) Fluorene	15.78	166	110423	10.350 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	25319	7.932 ng	#	92
59) Diethylphthalate	15.53	149	114589	9.671 ng		100
60) 4-Chlorophenyl-phenylether	15.76	204	66170	10.269 ng		91
61) 4-Nitroaniline	15.81	138	23541	8.708 ng		91
62) Azobenzene	16.05	77	96593	10.689 ng		98
64) 4,6-Dinitro-2-methylphenol	15.88	198	13685	5.753 ng		87
65) n-Nitrosodiphenylamine	15.98	169	105672	9.744 ng		98
66) 4-Bromophenyl-phenylether	16.66	248	40448	8.924 ng		99
67) Hexachlorobenzene	16.79	284	42280	8.779 ng		96
68) Atrazine	16.92	200	37728	8.432 ng		99
69) Pentachlorophenol	17.15	266	11920m	4.478 ng		
70) Phenanthrene	17.52	178	194645	10.446 ng		99
71) Anthracene	17.61	178	189803	10.166 ng		97
72) Carbazole	17.89	167	170729	9.759 ng		99
73) Di-n-butylphthalate	18.42	149	192248	8.950 ng		99
74) Fluoranthene	19.53	202	249072	10.557 ng		98
76) Benzidine	19.70	184	85813	6.503 ng		96
77) Pyrene	19.89	202	260204	10.674 ng		99
79) Butylbenzylphthalate	20.75	149	80208	8.252 ng		86
80) Benzo(a)anthracene	21.73	228	248667	9.745 ng		99
81) 3,3'-Dichlorobenzidine	21.64	252	82319	7.992 ng		98
82) Chrysene	21.80	228	243231	10.304 ng		98
83) Bis(2-ethylhexyl)phthalate	21.61	149	116202	8.282 ng		99
84) Di-n-octyl phthalate	22.84	149	193173	8.459 ng		97
85) Indeno(1,2,3-cd)pyrene	28.84	276	235925	8.221 ng	#	87
87) Benzo(b)fluoranthene	24.00	252	226774	9.796 ng	#	95
88) Benzo(k)fluoranthene	24.07	252	236769	10.318 ng		99
89) Benzo(a)pyrene	24.89	252	212599	9.667 ng		98
90) Dibenzo(a,h)anthracene	28.88	278	203629	9.059 ng		98
91) Benzo(g,h,i)perylene	30.02	276	196081	8.988 ng		96

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

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