Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017646.D
Acq On : 12 Jun 2015 20:42
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG061215

Manual Integrations APPROVED
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6/15/2015 4:40:08 PM

Quant Time: Jun 13 04:45:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:22:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	20828	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	83907	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	64592	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	176733	20.00	ng		0.00
75) Chrysene-d12	21.17	240	258728	20.00	ng		0.00
86) Perylene-d12	23.36	264	251399	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	91633	85.21	ng		0.00
7) Phenol-d6	6.74	99	132779	84.26	ng		0.00
23) Nitrobenzene-d5	8.69	82	172436	86.27	ng		0.00
41) 2,4,6-Tribromophenol	15.71	330	91124	81.73	ng		0.00
44) 2-Fluorobiphenyl	12.82	172	383434	82.10	ng		0.00
78) Terphenyl-d14	19.61	244	1036039	83.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	20573	38.41	ng		94
3) Pyridine	3.35	79	61869	44.63	ng		97
4) n-Nitrosodimethylamine	3.28	42	34112	42.78	ng	#	89
6) Aniline	6.86	93	86056	41.01	ng	#	90
8) 2-Chlorophenol	7.10	128	56231	43.08	ng		89
9) Benzaldehyde	6.67	77	41215	38.69	ng		97
10) Phenol	6.76	94	66079	40.31	ng		87
11) bis(2-Chloroethyl)ether	6.96	93	49608	40.82	ng		98
12) 1,3-Dichlorobenzene	7.41	146	63040	41.34	ng		92
13) 1,4-Dichlorobenzene	7.56	146	65335	40.67	ng		95
14) 1,2-Dichlorobenzene	7.88	146	63394	42.46	ng	#	87
15) Benzyl Alcohol	7.78	79	75140	43.27	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.08	45	20475	42.06	ng		94
17) 2-Methylphenol	8.00	107	49892	42.01	ng		90
18) Hexachloroethane	8.59	117	30202	45.28	ng		95
19) n-Nitroso-di-n-propylamine	8.34	70	57981	41.02	ng	#	91
20) 3+4-Methylphenols	8.33	107	70632	43.20	ng		90
22) Acetophenone	8.36	105	93541	42.30	ng		96
24) Nitrobenzene	8.73	77	91266	42.15	ng	#	96
25) Isophorone	9.26	82	156974	41.81	ng		96
26) 2-Nitrophenol	9.44	139	35037	42.10	ng		99
27) 2,4-Dimethylphenol	9.53	122	53447	39.92	ng	#	85
28) bis(2-Chloroethoxy)methane	9.75	93	64663	39.76	ng		97
29) 2,4-Dichlorophenol	9.99	162	60572	42.44	ng		92
30) 1,2,4-Trichlorobenzene	10.18	180	78379	42.48	ng		98
31) Naphthalene	10.37	128	187588	41.42	ng	#	95
32) Benzoic acid	9.71	122	32898m	41.35	ng		
33) 4-Chloroaniline	10.50	127	78671	42.43	ng	#	93
34) Hexachlorobutadiene	10.65	225	64521	40.76	ng		95
35) Caprolactam	11.28	113	26265	38.48	ng		86
36) 4-Chloro-3-methylphenol	11.66	107	78050	42.76	ng		99
37) 2-Methylnaphthalene	11.99	142	148087	40.90	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	105694	40.65	ng		98
40) Hexachlorocyclopentadiene	12.35	237	35330	46.93	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.63	196	71221	44.16	ng		90
43) 2,4,5-Trichlorophenol	12.72	196	70999	42.09	ng	#	86
45) 1,1'-Biphenyl	13.03	154	198474	41.90	ng		98
46) 2-Chloronaphthalene	13.07	162	161911	41.20	ng		99
47) 2-Nitroaniline	13.29	65	58394	42.08	ng		91
48) Acenaphthylene	13.93	152	275149	41.19	ng		100
49) Dimethylphthalate	13.67	163	228613	41.33	ng		97
50) 2,6-Dinitrotoluene	13.80	165	50083	41.30	ng		94
51) Acenaphthene	14.27	154	164439	41.45	ng		97
52) 3-Nitroaniline	14.13	138	45657	42.14	ng		93
53) 2,4-Dinitrophenol	14.35	184	27723	45.17	ng		86
54) Dibenzofuran	14.61	168	265487	40.53	ng		99
55) 4-Nitrophenol	14.49	139	31503	45.19	ng		97
56) 2,4-Dinitrotoluene	14.60	165	74181	42.14	ng	#	91
57) Fluorene	15.26	166	235118	41.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.85	232	79206	43.12	ng		98
59) Diethylphthalate	15.05	149	244906	39.91	ng		98
60) 4-Chlorophenyl-phenylether	15.26	204	149937	42.61	ng		98
61) 4-Nitroaniline	15.31	138	48742	42.19	ng	#	87
62) Azobenzene	15.55	77	271600	40.77	ng		98
64) 4,6-Dinitro-2-methylphenol	15.37	198	54574	39.73	ng		98
65) n-Nitrosodiphenylamine	15.48	169	212772	41.32	ng		96
66) 4-Bromophenyl-phenylether	16.15	248	102595	43.65	ng		95
67) Hexachlorobenzene	16.27	284	106249	41.53	ng		98
68) Atrazine	16.44	200	101625	40.02	ng		96
69) Pentachlorophenol	16.63	266	43527	40.25	ng		94
70) Phenanthrene	17.01	178	399230	40.48	ng		99
71) Anthracene	17.09	178	408267	41.69	ng		98
72) Carbazole	17.38	167	369054	41.10	ng		98
73) Di-n-butylphthalate	17.94	149	453027	41.22	ng		99
74) Fluoranthene	19.03	202	571937	40.53	ng		99
76) Benzidine	19.23	184	244425	40.43	ng		96
77) Pyrene	19.40	202	592778	40.58	ng		98
79) Butylbenzylphthalate	20.31	149	220903	41.89	ng		98
80) Benzo(a)anthracene	21.15	228	659377	41.31	ng		99
81) 3,3'-Dichlorobenzidine	21.09	252	236392	41.38	ng		97
82) Chrysene	21.20	228	584109	40.58	ng		98
83) Bis(2-ethylhexyl)phthalate	21.08	149	316877	40.90	ng		98
84) Di-n-octyl phthalate	21.95	149	523844	40.59	ng		100
85) Indeno(1,2,3-cd)pyrene	25.60	276	756184	40.39	ng		99
87) Benzo(b)fluoranthene	22.70	252	657028	40.55	ng		98
88) Benzo(k)fluoranthene	22.75	252	640853	41.11	ng		98
89) Benzo(a)pyrene	23.27	252	611702	40.87	ng	#	98
90) Dibenzo(a,h)anthracene	25.60	278	642237	41.47	ng		97
91) Benzo(g,h,i)perylene	26.28	276	601820	40.86	ng		98

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

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