Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022417.D
Acq On : 18 Jun 2016 10:40
Operator : UM/SJ
Sample : PB91363BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91363BS

Manual Integrations APPROVED
sohil
6/20/2016 6:52:53 PM

Quant Time: Jun 20 01:58:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	20605	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	108113	20.00	ng		-0.05
38) Acenaphthene-d10	14.68	164	64716	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	151309	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	131877	20.00	ng		-0.05
86) Perylene-d12	24.93	264	121179	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	177128	166.21	ng		-0.03
7) Phenol-d6	7.23	99	260191	155.28	ng		-0.02
23) Nitrobenzene-d5	9.22	82	142671	92.00	ng		-0.04
41) 2,4,6-Tribromophenol	16.18	330	86673	118.53	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	370532	87.25	ng		-0.04
78) Terphenyl-d14	20.02	244	502174	90.40	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	16424	32.14	ng	#	72
3) Pyridine	3.82	79	49720	36.01	ng		94
4) n-Nitrosodimethylamine	3.74	42	16333	52.90	ng		89
6) Aniline	7.37	93	46755	21.96	ng	#	86
8) 2-Chlorophenol	7.62	128	73559	49.94	ng		82
10) Phenol	7.26	94	90401	52.33	ng		83
11) bis(2-Chloroethyl)ether	7.46	93	60996	44.28	ng	#	77
12) 1,3-Dichlorobenzene	7.93	146	67113	42.51	ng	#	90
13) 1,4-Dichlorobenzene	8.08	146	69057	43.90	ng		95
14) 1,2-Dichlorobenzene	8.40	146	70413	44.40	ng		95
15) Benzyl Alcohol	8.29	79	50222	46.39	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	74089	51.84	ng		84
17) 2-Methylphenol	8.51	107	64659	50.16	ng	#	88
18) Hexachloroethane	9.13	117	27566	47.99	ng		83
19) n-Nitroso-di-n-propylamine	8.85	70	53260	46.96	ng	#	72
20) 3+4-Methylphenols	8.84	107	89450	48.37	ng		99
22) Acetophenone	8.87	105	101321	43.49	ng	#	84
24) Nitrobenzene	9.26	77	73449	47.10	ng	#	84
25) Isophorone	9.78	82	157685	43.46	ng		94
26) 2-Nitrophenol	9.98	139	40012	47.32	ng	#	77
27) 2,4-Dimethylphenol	10.04	122	73076	47.75	ng		89
28) bis(2-Chloroethoxy)methane	10.26	93	94320	45.38	ng		92
29) 2,4-Dichlorophenol	10.53	162	68009	47.96	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	66466	41.95	ng		98
31) Naphthalene	10.91	128	236742	43.87	ng	#	95
32) Benzoic acid	10.21	122	25477	48.29	ng	#	88
33) 4-Chloroaniline	11.05	127	17992	8.02	ng	#	92
34) Hexachlorobutadiene	11.18	225	36079	42.42	ng		95
35) Caprolactam	11.80	113	30684m	39.45	ng		
36) 4-Chloro-3-methylphenol	12.17	107	81643	48.58	ng		91
37) 2-Methylnaphthalene	12.52	142	171048	42.93	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	70506	42.32	ng		98
40) Hexachlorocyclopentadiene	12.85	237	41630	51.01	ng		97
42) 2,4,6-Trichlorophenol	13.13	196	50920	45.56	ng		98

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.22	196	55754	45.16	ng		93
45) 1,1'-Biphenyl	13.51	154	225155	46.23	ng		96
46) 2-Chloronaphthalene	13.56	162	176173	47.19	ng		98
47) 2-Nitroaniline	13.78	65	44667	50.18	ng	#	69
48) Acenaphthylene	14.41	152	301844	46.08	ng		97
49) Dimethylphthalate	14.13	163	235141	43.82	ng		99
50) 2,6-Dinitrotoluene	14.27	165	53625	45.97	ng	#	79
51) Acenaphthene	14.74	154	177687	45.27	ng		96
52) 3-Nitroaniline	14.61	138	18493	14.29	ng	#	75
53) 2,4-Dinitrophenol	14.82	184	38844	81.33	ng	#	78
54) Dibenzofuran	15.08	168	276987	45.22	ng		99
55) 4-Nitrophenol	14.95	139	61964	69.40	ng	#	78
56) 2,4-Dinitrotoluene	15.06	165	75828	48.46	ng	#	88
57) Fluorene	15.73	166	233803	44.31	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.32	232	42073	37.99	ng	#	85
59) Diethylphthalate	15.49	149	258334	45.07	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	106808	44.70	ng		93
61) 4-Nitroaniline	15.77	138	45885m	33.44	ng		
62) Azobenzene	16.01	77	221455	51.02	ng		90
64) 4,6-Dinitro-2-methylphenol	15.82	198	32105	42.55	ng		85
65) n-Nitrosodiphenylamine	15.94	169	200516	46.00	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	59728	42.13	ng		94
67) Hexachlorobenzene	16.73	284	66319	40.13	ng		100
68) Atrazine	16.88	200	68249	42.30	ng		97
69) Pentachlorophenol	17.09	266	41552	57.55	ng		98
70) Phenanthrene	17.47	178	368598	44.85	ng		99
71) Anthracene	17.56	178	367294	45.06	ng		98
72) Carbazole	17.84	167	329691	42.71	ng		98
73) Di-n-butylphthalate	18.37	149	470049	46.58	ng		98
74) Fluoranthene	19.47	202	409146	43.31	ng		95
76) Benzidine	19.67	184	62221	18.04	ng		99
77) Pyrene	19.84	202	408215	49.79	ng		99
79) Butylbenzylphthalate	20.70	149	201216	52.92	ng		95
80) Benzo(a)anthracene	21.67	228	343772	46.49	ng		100
81) 3,3'-Dichlorobenzidine	21.59	252	44128	21.26	ng	#	96
82) Chrysene	21.74	228	334805	46.53	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	293607	52.51	ng		96
84) Di-n-octyl phthalate	22.75	149	491858	52.98	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.64	276	349911	43.34	ng	#	83
87) Benzo(b)fluoranthene	23.90	252	333235	47.15	ng	#	95
88) Benzo(k)fluoranthene	23.96	252	312581	44.93	ng	#	95
89) Benzo(a)pyrene	24.78	252	314971	46.61	ng	#	94
90) Dibenzo(a,h)anthracene	28.69	278	281667	44.26	ng	#	91
91) Benzo(g,h,i)perylene	29.81	276	293636	44.35	ng	#	92

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

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