Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022174.D
Acq On : 6 Jun 2016 18:23
Operator : UM/SJ
Sample : PB91111BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB91111BS

Manual Integrations APPROVED
sohil
6/7/2016 7:27:43 PM

Quant Time: Jun 07 03:41:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	28607	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	145643	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	89904	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	210576	20.00	ng		0.00
75) Chrysene-d12	21.77	240	202626	20.00	ng		0.00
86) Perylene-d12	25.06	264	194264	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	218204	147.48	ng		0.00
7) Phenol-d6	7.28	99	329161	141.50	ng		0.00
23) Nitrobenzene-d5	9.29	82	168964	80.88	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	129794	127.77	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	477765	80.99	ng		0.00
78) Terphenyl-d14	20.08	244	700082	82.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	22170	31.25	ng	#	81
3) Pyridine	3.93	79	63871	33.32	ng		98
4) n-Nitrosodimethylamine	3.84	42	17840	41.62	ng		98
6) Aniline	7.44	93	88395	29.91	ng	#	79
8) 2-Chlorophenol	7.68	128	92656	45.31	ng	#	78
9) Benzaldehyde	7.27	77	5711	4.46	ng	#	88
10) Phenol	7.30	94	113524	47.33	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	76677	40.10	ng	#	73
12) 1,3-Dichlorobenzene	8.01	146	86992	39.68	ng	#	89
13) 1,4-Dichlorobenzene	8.16	146	87257	39.95	ng		90
14) 1,2-Dichlorobenzene	8.47	146	87337	39.67	ng		93
15) Benzyl Alcohol	8.36	79	60956	40.56	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	77253	38.94	ng		81
17) 2-Methylphenol	8.57	107	77842	43.49	ng	#	84
18) Hexachloroethane	9.21	117	31800	39.87	ng	#	81
19) n-Nitroso-di-n-propylamine	8.92	70	60227	38.25	ng	#	71
20) 3+4-Methylphenols	8.90	107	109525	42.66	ng		97
22) Acetophenone	8.95	105	123788	39.44	ng	#	81
24) Nitrobenzene	9.34	77	85495	40.70	ng	#	78
25) Isophorone	9.85	82	184594	37.77	ng		94
26) 2-Nitrophenol	10.05	139	47242	41.47	ng	#	76
27) 2,4-Dimethylphenol	10.10	122	94142	45.66	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	113432	40.51	ng		92
29) 2,4-Dichlorophenol	10.59	162	89359	46.78	ng		94
30) 1,2,4-Trichlorobenzene	10.80	180	85929	40.26	ng		95
31) Naphthalene	10.99	128	285474	39.27	ng	#	94
32) Benzoic acid	10.24	122	27746	41.93	ng	#	81
33) 4-Chloroaniline	11.10	127	63140	20.89	ng	#	86
34) Hexachlorobutadiene	11.26	225	45284	39.52	ng		95
35) Caprolactam	11.86	113	38713m	36.95	ng		
36) 4-Chloro-3-methylphenol	12.22	107	98854	43.66	ng	#	84
37) 2-Methylnaphthalene	12.59	142	210691	39.26	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	92892	40.14	ng		98
40) Hexachlorocyclopentadiene	12.92	237	96104	81.36	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	71550	46.09	ng		96
43) 2,4,5-Trichlorophenol	13.27	196	77760	45.33	ng	#	94
45) 1,1'-Biphenyl	13.58	154	283485	41.90	ng		95
46) 2-Chloronaphthalene	13.63	162	221145	42.64	ng		95
47) 2-Nitroaniline	13.84	65	51795	41.88	ng	#	48
48) Acenaphthylene	14.48	152	378595	41.60	ng		97
49) Dimethylphthalate	14.20	163	300730	40.34	ng		99
50) 2,6-Dinitrotoluene	14.33	165	67885	41.89	ng	#	76
51) Acenaphthene	14.81	154	224654	41.20	ng		99
52) 3-Nitroaniline	14.67	138	41499	23.09	ng	#	79
53) 2,4-Dinitrophenol	14.87	184	54353	81.84	ng	#	74
54) Dibenzofuran	15.15	168	352609	41.44	ng		96
55) 4-Nitrophenol	14.98	139	109383	88.18	ng	#	68
56) 2,4-Dinitrotoluene	15.11	165	94570	43.51	ng	#	80
57) Fluorene	15.79	166	298809	40.77	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.37	232	62430	40.58	ng		90
59) Diethylphthalate	15.55	149	318998	40.06	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	137793	41.51	ng		94
61) 4-Nitroaniline	15.82	138	77262	40.53	ng	#	73
62) Azobenzene	16.07	77	251495	41.71	ng		86
64) 4,6-Dinitro-2-methylphenol	15.88	198	44592	42.48	ng	#	81
65) n-Nitrosodiphenylamine	15.99	169	260443	42.93	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	84347	42.75	ng		92
67) Hexachlorobenzene	16.80	284	93079	40.48	ng		91
68) Atrazine	16.93	200	91189	40.61	ng		97
69) Pentachlorophenol	17.15	266	86776	82.96	ng		99
70) Phenanthrene	17.53	178	469440	41.05	ng		98
71) Anthracene	17.63	178	466872	41.16	ng		97
72) Carbazole	17.90	167	443646	41.30	ng		97
73) Di-n-butylphthalate	18.43	149	580825	41.36	ng		99
74) Fluoranthene	19.54	202	537693	40.89	ng		97
76) Benzidine	19.72	184	186086	35.12	ng		98
77) Pyrene	19.89	202	531630	42.20	ng		100
79) Butylbenzylphthalate	20.76	149	249720	42.75	ng		90
80) Benzo(a)anthracene	21.75	228	474284	41.74	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	80736	25.31	ng		95
82) Chrysene	21.82	228	460645	41.66	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	364729	42.46	ng		97
84) Di-n-octyl phthalate	22.86	149	610647	42.81	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.83	276	537244	43.31	ng		98
87) Benzo(b)fluoranthene	24.01	252	468823	41.38	ng		98
88) Benzo(k)fluoranthene	24.08	252	483748	43.37	ng	#	98
89) Benzo(a)pyrene	24.91	252	464698	42.90	ng	#	95
90) Dibenzo(a,h)anthracene	28.90	278	432268	42.37	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	449076	42.31	ng	#	94

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

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