Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022421.D
Acq On : 18 Jun 2016 13:19
Operator : UM/SJ
Sample : PB91389BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91389BS

Manual Integrations APPROVED
sohil
6/20/2016 6:52:39 PM

Quant Time: Jun 20 11:56:43 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	21579	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	107927	20.00	ng		-0.04
38) Acenaphthene-d10	14.68	164	65905	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	151780	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	136341	20.00	ng		-0.05
86) Perylene-d12	24.93	264	121605	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	179298	160.65	ng		-0.03
7) Phenol-d6	7.23	99	262110	149.37	ng		-0.02
23) Nitrobenzene-d5	9.22	82	142723	92.19	ng		-0.04
41) 2,4,6-Tribromophenol	16.17	330	85298	114.54	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	368469	85.20	ng		-0.04
78) Terphenyl-d14	20.02	244	518013	90.20	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	17696	33.07	ng	#	75
3) Pyridine	3.82	79	51147	35.37	ng		91
4) n-Nitrosodimethylamine	3.74	42	16013	49.52	ng		79
6) Aniline	7.37	93	67342	30.21	ng	#	82
8) 2-Chlorophenol	7.61	128	75339	48.84	ng	#	82
10) Phenol	7.26	94	91598	50.63	ng		85
11) bis(2-Chloroethyl)ether	7.46	93	64571	44.76	ng	#	72
12) 1,3-Dichlorobenzene	7.93	146	68757	41.58	ng	#	93
13) 1,4-Dichlorobenzene	8.08	146	70297	42.67	ng		94
14) 1,2-Dichlorobenzene	8.40	146	70281	42.32	ng		97
15) Benzyl Alcohol	8.30	79	55106	48.60	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	74307	49.65	ng		86
17) 2-Methylphenol	8.51	107	65970	48.86	ng	#	88
18) Hexachloroethane	9.12	117	26975	44.84	ng	#	81
19) n-Nitroso-di-n-propylamine	8.85	70	51734	43.55	ng	#	71
20) 3+4-Methylphenols	8.84	107	88100	45.49	ng		97
22) Acetophenone	8.87	105	100383	43.16	ng	#	83
24) Nitrobenzene	9.26	77	74038	47.56	ng	#	86
25) Isophorone	9.78	82	155820	43.02	ng		94
26) 2-Nitrophenol	9.98	139	39208	46.45	ng	#	78
27) 2,4-Dimethylphenol	10.04	122	73325	47.99	ng		89
28) bis(2-Chloroethoxy)methane	10.26	93	92397	44.53	ng		96
29) 2,4-Dichlorophenol	10.53	162	65762	46.46	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	67796	42.87	ng		90
31) Naphthalene	10.91	128	233547	43.35	ng	#	96
32) Benzoic acid	10.21	122	24293	46.84	ng	#	84
33) 4-Chloroaniline	11.04	127	29449	13.15	ng	#	88
34) Hexachlorobutadiene	11.18	225	36079	42.49	ng		95
35) Caprolactam	11.80	113	30779m	39.64	ng		
36) 4-Chloro-3-methylphenol	12.17	107	80205	47.81	ng	#	87
37) 2-Methylnaphthalene	12.51	142	168319	42.32	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	69605	41.03	ng	#	96
40) Hexachlorocyclopentadiene	12.85	237	41899	50.47	ng		98
42) 2,4,6-Trichlorophenol	13.13	196	51480	45.23	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.22	196	52380	41.66	ng		96
45) 1,1'-Biphenyl	13.51	154	220244	44.41	ng		94
46) 2-Chloronaphthalene	13.56	162	169789	44.66	ng		97
47) 2-Nitroaniline	13.78	65	43927	48.45	ng	#	61
48) Acenaphthylene	14.41	152	299310	44.87	ng		97
49) Dimethylphthalate	14.13	163	235811	43.15	ng		100
50) 2,6-Dinitrotoluene	14.27	165	53023	44.64	ng	#	83
51) Acenaphthene	14.75	154	174587	43.68	ng		97
52) 3-Nitroaniline	14.61	138	30616	23.24	ng	#	78
53) 2,4-Dinitrophenol	14.82	184	38210	78.94	ng	#	83
54) Dibenzofuran	15.08	168	277931	44.56	ng		98
55) 4-Nitrophenol	14.95	139	63151	69.45	ng	#	78
56) 2,4-Dinitrotoluene	15.06	165	74621	46.83	ng	#	88
57) Fluorene	15.73	166	235394	43.81	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.32	232	47190m	41.84	ng		
59) Diethylphthalate	15.49	149	257073	44.04	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	104462	42.93	ng		99
61) 4-Nitroaniline	15.77	138	48415m	34.65	ng		
62) Azobenzene	16.00	77	221077	50.01	ng		90
64) 4,6-Dinitro-2-methylphenol	15.82	198	33608	44.16	ng		84
65) n-Nitrosodiphenylamine	15.93	169	200538	45.87	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	62267	43.78	ng		98
67) Hexachlorobenzene	16.73	284	67751	40.87	ng		95
68) Atrazine	16.87	200	68582	42.37	ng		98
69) Pentachlorophenol	17.09	266	41864	57.77	ng		98
70) Phenanthrene	17.47	178	366735	44.49	ng		98
71) Anthracene	17.56	178	371630	45.45	ng		97
72) Carbazole	17.84	167	335505	43.33	ng		98
73) Di-n-butylphthalate	18.37	149	469896	46.42	ng		99
74) Fluoranthene	19.47	202	415971	43.89	ng		96
76) Benzidine	19.66	184	105536	29.60	ng		99
77) Pyrene	19.84	202	407941	48.13	ng		98
79) Butylbenzylphthalate	20.70	149	207995	52.91	ng	#	91
80) Benzo(a)anthracene	21.67	228	349696	45.74	ng		98
81) 3,3'-Dichlorobenzidine	21.59	252	54212	25.26	ng	#	97
82) Chrysene	21.74	228	340421	45.76	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	298758	51.68	ng		95
84) Di-n-octyl phthalate	22.75	149	503734	52.48	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.64	276	362897	43.48	ng		99
87) Benzo(b)fluoranthene	23.90	252	340316	47.98	ng	#	95
88) Benzo(k)fluoranthene	23.97	252	341675	48.94	ng	#	95
89) Benzo(a)pyrene	24.78	252	323866	47.76	ng	#	95
90) Dibenzo(a,h)anthracene	28.69	278	296977	46.50	ng	#	91
91) Benzo(g,h,i)perylene	29.80	276	303113	45.62	ng	#	93

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

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