Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022399.D
Acq On : 17 Jun 2016 22:34
Operator : UM/SJ
Sample : PB91264BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB91264BS

Manual Integrations APPROVED
sohil
6/20/2016 6:53:25 PM

Quant Time: Jun 20 02:00:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 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	22472	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	118876	20.00	ng		-0.05
38) Acenaphthene-d10	14.68	164	71964	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	173098	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	153947	20.00	ng		-0.05
86) Perylene-d12	24.94	264	138459	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	146743	126.26	ng		-0.03
7) Phenol-d6	7.23	99	224159	122.67	ng		-0.02
23) Nitrobenzene-d5	9.22	82	123362	72.35	ng		-0.04
41) 2,4,6-Tribromophenol	16.18	330	75663	93.05	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	322556	68.31	ng		-0.04
78) Terphenyl-d14	20.03	244	461396	71.15	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	15812	28.37	ng	#	73
3) Pyridine	3.82	79	44168	29.33	ng		95
4) n-Nitrosodimethylamine	3.74	42	14390	42.73	ng		87
6) Aniline	7.37	93	52327	22.54	ng	#	86
8) 2-Chlorophenol	7.62	128	62345	38.81	ng		85
10) Phenol	7.26	94	75183	39.90	ng		85
11) bis(2-Chloroethyl)ether	7.46	93	49637	33.04	ng	#	74
12) 1,3-Dichlorobenzene	7.93	146	56496m	32.81	ng		
13) 1,4-Dichlorobenzene	8.07	146	58723	34.23	ng		93
14) 1,2-Dichlorobenzene	8.40	146	59772	34.56	ng		96
15) Benzyl Alcohol	8.30	79	41728	35.34	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.57	45	64246	41.22	ng		83
17) 2-Methylphenol	8.52	107	55190	39.25	ng	#	87
18) Hexachloroethane	9.13	117	22851	36.47	ng		84
19) n-Nitroso-di-n-propylamine	8.84	70	44572	36.03	ng	#	71
20) 3+4-Methylphenols	8.85	107	76189	37.78	ng		91
22) Acetophenone	8.87	105	84728	33.07	ng	#	86
24) Nitrobenzene	9.26	77	65128	37.98	ng	#	85
25) Isophorone	9.78	82	134385	33.69	ng		97
26) 2-Nitrophenol	9.98	139	32669	35.14	ng	#	84
27) 2,4-Dimethylphenol	10.05	122	61471	36.53	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	79457	34.77	ng		94
29) 2,4-Dichlorophenol	10.54	162	57166	36.67	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	55844	32.06	ng		94
31) Naphthalene	10.91	128	197462	33.28	ng	#	97
32) Benzoic acid	10.21	122	22481	41.73	ng	#	79
33) 4-Chloroaniline	11.05	127	25284	10.25	ng	#	93
34) Hexachlorobutadiene	11.18	225	30475	32.59	ng		93
35) Caprolactam	11.84	113	27610m	32.28	ng		
36) 4-Chloro-3-methylphenol	12.18	107	68874	37.27	ng		89
37) 2-Methylnaphthalene	12.52	142	145636	33.25	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	60519	32.67	ng		98
40) Hexachlorocyclopentadiene	12.85	237	34280	39.11	ng		94
42) 2,4,6-Trichlorophenol	13.13	196	43479	34.99	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.23	196	45041	32.81	ng		94
45) 1,1'-Biphenyl	13.52	154	189177	34.93	ng		95
46) 2-Chloronaphthalene	13.56	162	147104	35.43	ng		94
47) 2-Nitroaniline	13.78	65	39110	39.51	ng	#	65
48) Acenaphthylene	14.41	152	255218	35.04	ng		97
49) Dimethylphthalate	14.13	163	205522	34.44	ng		99
50) 2,6-Dinitrotoluene	14.27	165	45937	35.41	ng	#	82
51) Acenaphthene	14.75	154	149791	34.32	ng		93
52) 3-Nitroaniline	14.61	138	25229	17.54	ng	#	78
53) 2,4-Dinitrophenol	14.83	184	34738	67.55	ng	#	79
54) Dibenzofuran	15.08	168	236065	34.66	ng		100
55) 4-Nitrophenol	14.97	139	51711	52.08	ng	#	75
56) 2,4-Dinitrotoluene	15.06	165	66009	37.94	ng	#	87
57) Fluorene	15.73	166	201655	34.37	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.32	232	38234	31.05	ng	#	90
59) Diethylphthalate	15.48	149	225384	35.36	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	89546	33.70	ng		96
61) 4-Nitroaniline	15.78	138	38490m	25.22	ng		
62) Azobenzene	16.01	77	187222	38.79	ng		90
64) 4,6-Dinitro-2-methylphenol	15.82	198	28045	33.78	ng		87
65) n-Nitrosodiphenylamine	15.94	169	172740	34.64	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	52494	32.36	ng		99
67) Hexachlorobenzene	16.73	284	57844	30.60	ng		97
68) Atrazine	16.88	200	60437	32.74	ng		96
69) Pentachlorophenol	17.09	266	34748	43.89	ng		97
70) Phenanthrene	17.47	178	320395	34.08	ng		99
71) Anthracene	17.56	178	318708	34.18	ng		97
72) Carbazole	17.85	167	291121	32.97	ng		98
73) Di-n-butylphthalate	18.37	149	417485	36.16	ng		98
74) Fluoranthene	19.47	202	366865	33.94	ng		96
76) Benzidine	19.67	184	62510	15.53	ng		99
77) Pyrene	19.84	202	366349	38.28	ng		99
79) Butylbenzylphthalate	20.70	149	181135	40.81	ng		94
80) Benzo(a)anthracene	21.67	228	302783	35.07	ng		100
81) 3,3'-Dichlorobenzidine	21.59	252	45320	18.70	ng		98
82) Chrysene	21.74	228	299818	35.69	ng		100
83) Bis(2-ethylhexyl)phthalate	21.55	149	259147	39.70	ng	#	96
84) Di-n-octyl phthalate	22.75	149	433379	39.99	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.65	276	300696	31.91	ng	#	83
87) Benzo(b)fluoranthene	23.90	252	281774	34.89	ng	#	95
88) Benzo(k)fluoranthene	23.97	252	293482	36.92	ng	#	96
89) Benzo(a)pyrene	24.78	252	271616	35.18	ng	#	93
90) Dibenzo(a,h)anthracene	28.70	278	248750	34.21	ng	#	93
91) Benzo(g,h,i)perylene	29.81	276	251322	33.22	ng	#	92

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

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