Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022302.D
Acq On : 11 Jun 2016 00:23
Operator : UM/SJ
Sample : PB91195BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91195BS

Manual Integrations APPROVED
SOHIL
6/13/2016 7:06:59 PM

Quant Time: Jun 13 15:54:54 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	8.10	152	26142	20.00	ng		-0.02
21) Naphthalene-d8	10.92	136	128350	20.00	ng		-0.01
38) Acenaphthene-d10	14.74	164	75879	20.00	ng		-0.01
63) Phenanthrene-d10	17.49	188	172089	20.00	ng		0.00
75) Chrysene-d12	21.76	240	156465	20.00	ng		-0.01
86) Perylene-d12	25.05	264	142321	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	207070	153.15	ng		-0.01
7) Phenol-d6	7.27	99	308956	145.33	ng		0.00
23) Nitrobenzene-d5	9.28	82	164275	89.23	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	102450	119.49	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	411502	82.65	ng		0.00
78) Terphenyl-d14	20.08	244	577151	87.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	19599	30.23	ng	#	73
3) Pyridine	3.91	79	60384	34.47	ng		95
4) n-Nitrosodimethylamine	3.83	42	18471	47.15	ng		91
6) Aniline	7.43	93	81945	30.34	ng	#	83
8) 2-Chlorophenol	7.67	128	84990	45.48	ng		82
10) Phenol	7.30	94	106946	48.79	ng		83
11) bis(2-Chloroethyl)ether	7.52	93	71900	41.14	ng	#	75
12) 1,3-Dichlorobenzene	7.99	146	78010	38.94	ng	#	91
13) 1,4-Dichlorobenzene	8.14	146	80854	40.51	ng		94
14) 1,2-Dichlorobenzene	8.46	146	79599	39.56	ng		96
15) Benzyl Alcohol	8.35	79	60007	43.69	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.64	45	80915	44.63	ng		83
17) 2-Methylphenol	8.55	107	73478	44.93	ng	#	88
18) Hexachloroethane	9.19	117	29579	40.59	ng	#	75
19) n-Nitroso-di-n-propylamine	8.91	70	59426	41.30	ng	#	70
20) 3+4-Methylphenols	8.88	107	103525	44.13	ng		96
22) Acetophenone	8.93	105	116187	42.01	ng	#	83
24) Nitrobenzene	9.32	77	84362	45.57	ng	#	88
25) Isophorone	9.84	82	173798	40.35	ng	#	95
26) 2-Nitrophenol	10.04	139	44674	44.50	ng	#	77
27) 2,4-Dimethylphenol	10.09	122	84566	46.54	ng		89
28) bis(2-Chloroethoxy)methane	10.32	93	105650	42.81	ng		93
29) 2,4-Dichlorophenol	10.58	162	77051	45.77	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	75064	39.91	ng		93
31) Naphthalene	10.98	128	262056	40.90	ng	#	96
32) Benzoic acid	10.24	122	35721	53.93	ng	#	86
33) 4-Chloroaniline	11.09	127	42065	15.79	ng	#	90
34) Hexachlorobutadiene	11.25	225	39424	39.04	ng		97
35) Caprolactam	11.86	113	34244m	37.08	ng		
36) 4-Chloro-3-methylphenol	12.21	107	91670	45.95	ng		87
37) 2-Methylnaphthalene	12.57	142	187812	39.71	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	79162	40.53	ng	#	97
40) Hexachlorocyclopentadiene	12.91	237	68580	69.58	ng		96
42) 2,4,6-Trichlorophenol	13.18	196	59578	45.47	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.26	196	66324	45.81	ng		95
45) 1,1'-Biphenyl	13.57	154	247433	43.33	ng		94
46) 2-Chloronaphthalene	13.62	162	188048	42.96	ng		96
47) 2-Nitroaniline	13.83	65	50644	48.52	ng	#	67
48) Acenaphthylene	14.47	152	328614	42.79	ng		98
49) Dimethylphthalate	14.18	163	253402	40.28	ng		99
50) 2,6-Dinitrotoluene	14.31	165	57387	41.96	ng	#	86
51) Acenaphthene	14.80	154	192312	41.79	ng		96
52) 3-Nitroaniline	14.65	138	35468	23.38	ng	#	86
53) 2,4-Dinitrophenol	14.87	184	51227	90.12	ng	#	78
54) Dibenzofuran	15.14	168	299894	41.76	ng		97
55) 4-Nitrophenol	14.97	139	94482	90.25	ng	#	76
56) 2,4-Dinitrotoluene	15.11	165	79503	43.34	ng	#	87
57) Fluorene	15.78	166	258552	41.80	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	52469m	40.41	ng		
59) Diethylphthalate	15.54	149	274530	40.85	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	113207	40.41	ng		97
61) 4-Nitroaniline	15.82	138	63360	39.38	ng	#	78
62) Azobenzene	16.06	77	236488	46.47	ng		88
64) 4,6-Dinitro-2-methylphenol	15.87	198	38351	44.41	ng		85
65) n-Nitrosodiphenylamine	15.99	169	223570	45.10	ng		99
66) 4-Bromophenyl-phenylether	16.66	248	68011	42.18	ng		98
67) Hexachlorobenzene	16.79	284	75280	40.06	ng		97
68) Atrazine	16.93	200	71309	38.86	ng		97
69) Pentachlorophenol	17.14	266	70435	82.44	ng		97
70) Phenanthrene	17.53	178	399070	42.70	ng		98
71) Anthracene	17.61	178	400336	43.19	ng		97
72) Carbazole	17.89	167	376226	42.85	ng		99
73) Di-n-butylphthalate	18.42	149	499608	43.53	ng		98
74) Fluoranthene	19.53	202	446159	41.52	ng		96
76) Benzidine	19.71	184	168765	41.25	ng		98
77) Pyrene	19.89	202	446444	45.90	ng		98
79) Butylbenzylphthalate	20.75	149	217661	48.25	ng		96
80) Benzo(a)anthracene	21.74	228	385407	43.93	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	78717	31.96	ng		97
82) Chrysene	21.80	228	358412	41.98	ng		99
83) Bis(2-ethylhexyl)phthalate	21.61	149	313935	47.32	ng		96
84) Di-n-octyl phthalate	22.84	149	532557	48.35	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.82	276	401364	41.90	ng		97
87) Benzo(b)fluoranthene	24.00	252	387541	46.69	ng	#	97
88) Benzo(k)fluoranthene	24.07	252	346441	42.40	ng	#	96
89) Benzo(a)pyrene	24.89	252	356324	44.90	ng	#	95
90) Dibenzo(a,h)anthracene	28.88	278	327347	43.79	ng	#	95
91) Benzo(g,h,i)perylene	29.99	276	335653	43.16	ng	#	92

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

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