Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022901.D
Acq On : 7 Jul 2016 18:42
Operator : UM/SJ
Sample : H3840-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-4

Quant Time: Jul 08 05:02:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	926	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	86	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	80	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	340	20.00	ng		-0.04
75) Chrysene-d12	21.80	240	137	20.00	ng		-0.05
86) Perylene-d12	25.14	264	721	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	414968	7329.19	ng		0.00
7) Phenol-d6	7.30	99	413469	4662.58	ng		0.00
23) Nitrobenzene-d5	9.32	82	908747	452464.12	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	872218	606636.81	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1941467	382258.88	ng		0.00
78) Terphenyl-d14	20.15	244	3041603	-20.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	139	6.32	ng	#	1
4) n-Nitrosodimethylamine	3.90	42	90	2.79	ng	#	1
6) Aniline	7.47	93	530	4.31	ng	#	73
8) 2-Chlorophenol	7.71	128	129	2.14	ng	#	1
9) Benzaldehyde	7.29	77	1305	22.02	ng	#	58
10) Phenol	7.33	94	5199	56.98	ng		91
12) 1,3-Dichlorobenzene	8.00	146	224	3.04	ng	#	1
14) 1,2-Dichlorobenzene	8.51	146	218	2.97	ng	#	64
15) Benzyl Alcohol	8.40	79	831	10.23	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.64	45	974	11.03	ng		74
18) Hexachloroethane	9.25	117	84	2.70	ng	#	1
22) Acetophenone	8.98	105	421	163.11	ng	#	44
24) Nitrobenzene	9.32	77	3849	1803.49	ng	#	47
25) Isophorone	9.91	82	191	47.28	ng	#	8
26) 2-Nitrophenol	10.05	139	78	93.15	ng	#	38
27) 2,4-Dimethylphenol	10.14	122	72	49.74	ng	#	1
28) bis(2-Chloroethoxy)methane	10.38	93	104	46.16	ng	#	50
29) 2,4-Dichlorophenol	10.62	162	163	105.58	ng	#	36
30) 1,2,4-Trichlorobenzene	10.82	180	174	98.35	ng	#	1
31) Naphthalene	11.03	128	568	129.74	ng	#	63
32) Benzoic acid	10.28	122	139	105.55	ng	#	5
33) 4-Chloroaniline	11.13	127	624	291.47	ng	#	35
34) Hexachlorobutadiene	11.29	225	66	46.02	ng	#	18
35) Caprolactam	11.92	113	566	891.08	ng	#	70
36) 4-Chloro-3-methylphenol	12.25	107	383	181.38	ng	#	26
37) 2-Methylnaphthalene	12.64	142	120	34.68	ng	#	27
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	105	30.46	ng	#	1
40) Hexachlorocyclopentadiene	12.97	237	97	48.88	ng	#	26
42) 2,4,6-Trichlorophenol	13.23	196	158	79.74	ng	#	11
43) 2,4,5-Trichlorophenol	13.30	196	220	108.12	ng	#	1
45) 1,1'-Biphenyl	13.64	154	150	24.99	ng	#	5
46) 2-Chloronaphthalene	13.66	162	124	25.47	ng	#	38
47) 2-Nitroaniline	13.88	65	288	138.62	ng	#	16
48) Acenaphthylene	14.52	152	504	69.00	ng	#	4

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	14.24	163	323531	49508.15	ng		98
50) 2,6-Dinitrotoluene	14.44	165	148	100.77	ng		88
51) Acenaphthene	14.87	154	2220	465.11	ng	#	57
52) 3-Nitroaniline	14.70	138	316	215.78	ng	#	41
53) 2,4-Dinitrophenol	14.88	184	55	54.58	ng	#	1
54) Dibenzofuran	15.19	168	761	106.52	ng	#	39
55) 4-Nitrophenol	14.97	139	200	162.93	ng		93
56) 2,4-Dinitrotoluene	15.17	165	183	85.47	ng	#	14
57) Fluorene	15.83	166	1000	162.62	ng	#	53
58) 2,3,4,6-Tetrachlorophenol	15.39	232	53	26.03	ng	#	1
59) Diethylphthalate	15.59	149	4128	620.83	ng	#	92
60) 4-Chlorophenyl-phenylether	15.83	204	66	17.62	ng	#	1
61) 4-Nitroaniline	15.79	138	96	60.58	ng		94
62) Azobenzene	16.21	77	632	99.37	ng		91
64) 4,6-Dinitro-2-methylphenol	15.91	198	67	26.51	ng	#	1
65) n-Nitrosodiphenylamine	16.29	169	24040	2454.15	ng	#	44
66) 4-Bromophenyl-phenylether	16.70	248	62	14.02	ng	#	4
67) Hexachlorobenzene	16.82	284	56	11.64	ng	#	1
68) Atrazine	16.96	200	63	14.50	ng	#	36
69) Pentachlorophenol	17.20	266	1034	331.97	ng		97
70) Phenanthrene	17.55	178	292	17.52	ng	#	1
71) Anthracene	17.65	178	1185	70.23	ng	#	57
72) Carbazole	17.90	167	269	18.45	ng	#	63
73) Di-n-butylphthalate	18.50	149	22924	1413.90	ng	#	94
74) Fluoranthene	19.47	202	1034	50.57	ng		84
76) Benzidine	19.71	184	830	211.33	ng	#	1
77) Pyrene	19.95	202	3494	453.84	ng	#	86
79) Butylbenzylphthalate	20.63	149	541	177.41	ng		88
80) Benzo(a)anthracene	21.77	228	683	89.11	ng	#	1
81) 3,3'-Dichlorobenzidine	21.69	252	643	191.11	ng	#	49
82) Chrysene	21.86	228	473	65.78	ng	#	60
83) Bis(2-ethylhexyl)phthalate	21.70	149	13847	3270.18	ng	#	87
84) Di-n-octyl phthalate	22.91	149	756	107.06	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.95	276	344	37.52	ng	#	100
87) Benzo(b)fluoranthene	24.07	252	1003	24.11	ng	#	89
88) Benzo(k)fluoranthene	24.15	252	1236	31.31	ng	#	1
89) Benzo(a)pyrene	24.98	252	310	7.77	ng	#	1
90) Dibenzo(a,h)anthracene	29.02	278	348	8.79	ng	#	40
91) Benzo(g,h,i)perylene	30.15	276	142	3.58	ng	#	72

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

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