Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023405.D
Acq On : 2 Aug 2016 21:00
Operator : UM/SJ
Sample : H4270-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-2MSD

Quant Time: Aug 03 03:21:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	104502	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	562121	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	430862	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1105800	20.00	ng		0.00
75) Chrysene-d12	21.86	240	943884	20.00	ng		0.00
86) Perylene-d12	25.23	264	943702	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	495335	79.79	ng		0.00
7) Phenol-d6	7.28	99	526757	54.47	ng		0.00
23) Nitrobenzene-d5	9.30	82	1081058	95.61	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	1005049	159.48	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	2318384	90.76	ng		0.00
78) Terphenyl-d14	20.15	244	3169676	110.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	40233	15.21	ng	#	89
3) Pyridine	3.94	79	114201	13.14	ng		96
4) n-Nitrosodimethylamine	3.85	42	62883	19.51	ng		80
6) Aniline	7.44	93	383306	27.44	ng		92
8) 2-Chlorophenol	7.68	128	320338	44.91	ng		98
9) Benzaldehyde	7.25	77	212700	38.17	ng		92
10) Phenol	7.31	94	196650	19.01	ng		83
11) bis(2-Chloroethyl)ether	7.53	93	388930	47.13	ng		90
12) 1,3-Dichlorobenzene	8.01	146	332198m	40.68	ng		
13) 1,4-Dichlorobenzene	8.15	146	342304	40.95	ng		95
14) 1,2-Dichlorobenzene	8.48	146	345115	42.09	ng		93
15) Benzyl Alcohol	8.36	79	301252	41.12	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.65	45	548001	45.16	ng		91
17) 2-Methylphenol	8.57	107	279772	40.34	ng	#	87
18) Hexachloroethane	9.21	117	126095	40.08	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	435316	52.34	ng		98
20) 3+4-Methylphenols	8.90	107	367156	37.55	ng		89
22) Acetophenone	8.95	105	615380	39.98	ng	#	91
24) Nitrobenzene	9.34	77	594331	47.47	ng	#	89
25) Isophorone	9.86	82	1178013	50.02	ng	#	95
26) 2-Nitrophenol	10.06	139	246712	46.69	ng	#	75
27) 2,4-Dimethylphenol	10.11	122	399881	44.44	ng		86
28) bis(2-Chloroethoxy)methane	10.35	93	660373	46.64	ng		96
29) 2,4-Dichlorophenol	10.60	162	461578	51.02	ng		98
30) 1,2,4-Trichlorobenzene	10.82	180	422028	43.25	ng		98
31) Naphthalene	11.00	128	1258266	43.96	ng		99
32) Benzoic acid	10.21	122	60729	12.79	ng		90
33) 4-Chloroaniline	11.11	127	331166	24.20	ng		90
34) Hexachlorobutadiene	11.28	225	260515	40.60	ng		96
35) Caprolactam	11.90	113	35428	9.31	ng	#	67
36) 4-Chloro-3-methylphenol	12.24	107	557183	46.87	ng		93
37) 2-Methylnaphthalene	12.61	142	1048693m	48.19	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	525338	33.62	ng		100
40) Hexachlorocyclopentadiene	12.95	237	611954	77.67	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	451640	48.52	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	484752	50.59	ng		92
45) 1,1'-Biphenyl	13.61	154	1315981	39.95	ng		93
46) 2-Chloronaphthalene	13.66	162	1151320	45.18	ng		95
47) 2-Nitroaniline	13.87	65	538090	50.86	ng		90
48) Acenaphthylene	14.51	152	1871055	46.45	ng		97
49) Dimethylphthalate	14.23	163	1722237	52.10	ng	#	95
50) 2,6-Dinitrotoluene	14.36	165	396402	50.63	ng		86
51) Acenaphthene	14.85	154	1209862	47.42	ng		96
52) 3-Nitroaniline	14.70	138	290547	32.91	ng	#	80
53) 2,4-Dinitrophenol	14.90	184	533468	106.31	ng		90
54) Dibenzofuran	15.19	168	1893132	51.10	ng		99
55) 4-Nitrophenol	15.02	139	257369	37.12	ng	#	84
56) 2,4-Dinitrotoluene	15.15	165	590089	53.71	ng		97
57) Fluorene	15.84	166	1588605	49.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	499455	56.80	ng		95
59) Diethylphthalate	15.59	149	1720544	51.27	ng		95
60) 4-Chlorophenyl-phenylether	15.82	204	843238	49.29	ng		99
61) 4-Nitroaniline	15.87	138	420789	44.77	ng	#	70
62) Azobenzene	16.12	77	1863388	54.78	ng		90
64) 4,6-Dinitro-2-methylphenol	15.92	198	393192	52.30	ng		95
65) n-Nitrosodiphenylamine	16.04	169	1512725	46.64	ng		93
66) 4-Bromophenyl-phenylether	16.72	248	640416	49.69	ng		96
67) Hexachlorobenzene	16.84	284	684703	48.56	ng		97
68) Atrazine	16.99	200	660993	53.07	ng		96
69) Pentachlorophenol	17.19	266	828002	100.72	ng		99
70) Phenanthrene	17.59	178	2596980	46.28	ng		93
71) Anthracene	17.68	178	2634012	46.67	ng		93
72) Carbazole	17.95	167	2455229	49.54	ng		95
73) Di-n-butylphthalate	18.49	149	2777572	57.39	ng	#	96
74) Fluoranthene	19.60	202	2876843	56.77	ng		90
76) Benzidine	19.78	184	441067	16.81	ng		98
77) Pyrene	19.96	202	2854064	55.44	ng		94
79) Butylbenzylphthalate	20.84	149	1216097	53.51	ng		96
80) Benzo(a)anthracene	21.84	228	2495035	47.89	ng		99
81) 3,3'-Dichlorobenzidine	21.75	252	669051	31.31	ng	#	95
82) Chrysene	21.91	228	2338626	47.18	ng		96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1524058	48.97	ng		98
84) Di-n-octyl phthalate	22.98	149	2528064	47.59	ng		100
85) Indeno(1,2,3-cd)pyrene	29.11	276	3220883	52.00	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2689217	50.65	ng	#	96
88) Benzo(k)fluoranthene	24.23	252	2522475	49.46	ng	#	96
89) Benzo(a)pyrene	25.08	252	2568858	50.87	ng	#	97
90) Dibenzo(a,h)anthracene	29.18	278	2658102	51.53	ng	#	91
91) Benzo(g,h,i)perylene	30.31	276	2655578	51.12	ng	#	93

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

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