Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023404.D
Acq On : 2 Aug 2016 20:19
Operator : UM/SJ
Sample : H4270-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-2MS

Quant Time: Aug 03 03:20:15 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	119425	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	604809	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	454646	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	1115524	20.00	ng		0.00
75) Chrysene-d12	21.86	240	934253	20.00	ng		0.00
86) Perylene-d12	25.23	264	967820	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	554270	78.12	ng		0.00
7) Phenol-d6	7.28	99	588643	53.27	ng		0.00
23) Nitrobenzene-d5	9.30	82	1122730	92.29	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	983043	147.83	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	2366141	87.78	ng		0.00
78) Terphenyl-d14	20.15	244	2951098	102.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	43496	14.39	ng		96
3) Pyridine	3.93	79	103471	10.42	ng	#	87
4) n-Nitrosodimethylamine	3.85	42	66620	18.09	ng	#	67
6) Aniline	7.44	93	367633	23.03	ng		92
8) 2-Chlorophenol	7.68	128	347518	42.64	ng		99
9) Benzaldehyde	7.25	77	243235	38.20	ng		97
10) Phenol	7.31	94	233369	19.74	ng	#	78
11) bis(2-Chloroethyl)ether	7.53	93	422117	44.76	ng		93
12) 1,3-Dichlorobenzene	8.01	146	350455m	37.55	ng		
13) 1,4-Dichlorobenzene	8.16	146	359721	37.66	ng		96
14) 1,2-Dichlorobenzene	8.48	146	361724	38.60	ng		95
15) Benzyl Alcohol	8.36	79	321905	38.45	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.66	45	591852	42.68	ng		91
17) 2-Methylphenol	8.57	107	308253	38.89	ng		91
18) Hexachloroethane	9.21	117	131152	36.47	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	456911	48.07	ng		95
20) 3+4-Methylphenols	8.90	107	399886	35.79	ng		93
22) Acetophenone	8.95	105	654141	39.50	ng	#	91
24) Nitrobenzene	9.34	77	641225	47.60	ng	#	90
25) Isophorone	9.86	82	1243400	49.07	ng	#	94
26) 2-Nitrophenol	10.06	139	264896	46.59	ng	#	78
27) 2,4-Dimethylphenol	10.11	122	423715	43.77	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	698247	45.84	ng		98
29) 2,4-Dichlorophenol	10.60	162	486594	49.99	ng		98
30) 1,2,4-Trichlorobenzene	10.81	180	448959	42.76	ng		94
31) Naphthalene	11.01	128	1316881	42.76	ng		98
32) Benzoic acid	10.21	122	83181	14.52	ng	#	91
33) 4-Chloroaniline	11.11	127	291200	19.78	ng		93
34) Hexachlorobutadiene	11.28	225	274897	39.81	ng		95
35) Caprolactam	11.91	113	37998m	9.28	ng		
36) 4-Chloro-3-methylphenol	12.24	107	587419	45.93	ng		89
37) 2-Methylnaphthalene	12.61	142	1078352	46.05	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	546824	33.17	ng		99
40) Hexachlorocyclopentadiene	12.95	237	672602	80.90	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	461114	46.95	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	496577	49.11	ng		93
45) 1,1'-Biphenyl	13.61	154	1359321	39.11	ng		95
46) 2-Chloronaphthalene	13.66	162	1197718	44.55	ng		95
47) 2-Nitroaniline	13.87	65	542927	48.64	ng		88
48) Acenaphthylene	14.51	152	1901405	44.74	ng		95
49) Dimethylphthalate	14.24	163	1686720	48.36	ng		97
50) 2,6-Dinitrotoluene	14.36	165	401389	48.59	ng		87
51) Acenaphthene	14.85	154	1242774	46.16	ng		98
52) 3-Nitroaniline	14.70	138	274751	29.50	ng		86
53) 2,4-Dinitrophenol	14.90	184	538330	101.66	ng		90
54) Dibenzofuran	15.18	168	1935166	49.50	ng		99
55) 4-Nitrophenol	15.01	139	273098	37.33	ng	#	83
56) 2,4-Dinitrotoluene	15.15	165	588053	50.72	ng		96
57) Fluorene	15.83	166	1637029	47.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	501410	54.04	ng		94
59) Diethylphthalate	15.59	149	1750088	49.42	ng		94
60) 4-Chlorophenyl-phenylether	15.82	204	872564	48.33	ng		99
61) 4-Nitroaniline	15.87	138	401397	40.47	ng	#	69
62) Azobenzene	16.12	77	1891193	52.69	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	381073	50.24	ng		95
65) n-Nitrosodiphenylamine	16.04	169	1530932	46.79	ng		92
66) 4-Bromophenyl-phenylether	16.72	248	643148	49.47	ng		97
67) Hexachlorobenzene	16.85	284	689723	48.49	ng		95
68) Atrazine	16.99	200	631254	50.24	ng		97
69) Pentachlorophenol	17.20	266	821345	99.04	ng		98
70) Phenanthrene	17.59	178	2598233	45.90	ng	#	90
71) Anthracene	17.68	178	2603644	45.73	ng	#	92
72) Carbazole	17.96	167	2380730	47.62	ng		96
73) Di-n-butylphthalate	18.50	149	2749280	56.13	ng		97
74) Fluoranthene	19.60	202	2765175	53.59	ng		91
76) Benzidine	19.78	184	198113	7.63	ng		98
77) Pyrene	19.96	202	2720258	52.98	ng		94
79) Butylbenzylphthalate	20.84	149	1147584	51.01	ng		93
80) Benzo(a)anthracene	21.84	228	2447532	47.46	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	664906	31.43	ng	#	95
82) Chrysene	21.91	228	2275916	46.38	ng		93
83) Bis(2-ethylhexyl)phthalate	21.72	149	1502593	48.78	ng		100
84) Di-n-octyl phthalate	22.98	149	2521669	47.96	ng		100
85) Indeno(1,2,3-cd)pyrene	29.11	276	3190573	52.04	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2695996	49.51	ng	#	98
88) Benzo(k)fluoranthene	24.23	252	2479112	47.40	ng	#	95
89) Benzo(a)pyrene	25.08	252	2534748	48.94	ng	#	97
90) Dibenzo(a,h)anthracene	29.18	278	2620342	49.53	ng	#	93
91) Benzo(g,h,i)perylene	30.32	276	2659347	49.92	ng	#	94

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

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