Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027314.D
Acq On : 8 Jun 2017 12:02
Operator : SJ/MA
Sample : I3473-03MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : R1-MW-6MSD

Quant Time: Jun 08 12:47:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	50912	20.00	ng		-0.02
21) Naphthalene-d8	11.41	136	246543	20.00	ng		0.00
38) Acenaphthene-d10	15.14	164	154446	20.00	ng		-0.02
63) Phenanthrene-d10	17.89	188	344062	20.00	ng		-0.03
75) Chrysene-d12	22.27	240	400869	20.00	ng		-0.04
86) Perylene-d12	25.96	264	371392	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	219082	65.66	ng		-0.01
7) Phenol-d6	7.69	99	205748	42.01	ng		-0.01
23) Nitrobenzene-d5	9.73	82	452970	115.55	ng		-0.01
41) 2,4,6-Tribromophenol	16.63	330	324431	159.52	ng		-0.02
44) 2-Fluorobiphenyl	13.77	172	1023325	92.69	ng		-0.02
78) Terphenyl-d14	20.46	244	1465012	93.23	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	74539	53.88	ng	#	82
3) Pyridine	4.54	79	47265	11.08	ng	#	74
4) n-Nitrosodimethylamine	4.45	42	29043	18.39	ng	#	66
6) Aniline	7.88	93	145077	23.52	ng		96
8) 2-Chlorophenol	8.12	128	139253	39.53	ng		92
9) Benzaldehyde	7.71	77	148275	43.79	ng	#	1
10) Phenol	7.72	94	79369	15.85	ng		82
11) bis(2-Chloroethyl)ether	7.97	93	182322	44.37	ng		93
12) 1,3-Dichlorobenzene	8.45	146	146196	36.79	ng		92
13) 1,4-Dichlorobenzene	8.59	146	153072	37.54	ng		97
14) 1,2-Dichlorobenzene	8.92	146	152343	38.30	ng		94
15) Benzyl Alcohol	8.79	79	103352	29.95	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.07	45	294559	50.10	ng		93
17) 2-Methylphenol	8.98	107	113193	31.97	ng	#	86
18) Hexachloroethane	9.65	117	98612	71.79	ng	#	30
19) n-Nitroso-di-n-propylamine	9.36	70	166894	48.71	ng	#	86
20) 3+4-Methylphenols	9.30	107	139737	28.49	ng		90
22) Acetophenone	9.38	105	306450	48.60	ng	#	84
24) Nitrobenzene	9.77	77	242749	54.35	ng	#	87
25) Isophorone	10.30	82	453209	49.16	ng	#	96
26) 2-Nitrophenol	10.49	139	94631	50.89	ng	#	83
27) 2,4-Dimethylphenol	10.52	122	174732	44.09	ng		92
28) bis(2-Chloroethoxy)methane	10.79	93	281923	47.23	ng		97
29) 2,4-Dichlorophenol	11.03	162	161994	44.77	ng		98
30) 1,2,4-Trichlorobenzene	11.27	180	163783	40.88	ng		98
31) Naphthalene	11.50	128	14574175	1081.62	ng	#	35
32) Benzoic acid	10.60	122	32969	18.04	ng		90
34) Hexachlorobutadiene	11.71	225	95368	38.73	ng		98
35) Caprolactam	12.35	113	10880	8.77	ng	#	78
36) 4-Chloro-3-methylphenol	12.60	107	196475	43.32	ng		94
37) 2-Methylnaphthalene	13.01	142	4361388	443.73	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	209639	43.57	ng		97
40) Hexachlorocyclopentadiene	13.34	237	260208	101.61	ng		96
42) 2,4,6-Trichlorophenol	13.58	196	144501	49.52	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.65	196	155574	47.64	ng		98
45) 1,1'-Biphenyl	13.98	154	1076264	85.37	ng		98
46) 2-Chloronaphthalene	14.03	162	422852	44.74	ng		98
47) 2-Nitroaniline	14.22	65	167264	60.20	ng	#	87
48) Acenaphthylene	14.87	152	1322311	82.67	ng		98
49) Dimethylphthalate	14.58	163	589667	48.13	ng		99
50) 2,6-Dinitrotoluene	14.70	165	124304	49.71	ng		84
51) Acenaphthene	15.21	154	800212	76.91	ng		99
52) 3-Nitroaniline	15.03	138	98008	38.78	ng		89
53) 2,4-Dinitrophenol	15.23	184	145404	105.86	ng		93
54) Dibenzofuran	15.53	168	770723	53.01	ng		94
55) 4-Nitrophenol	15.31	139	81203	38.53	ng	#	60
56) 2,4-Dinitrotoluene	15.49	165	175512	54.08	ng	#	86
57) Fluorene	16.19	166	828504	64.15	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.75	232	151617	52.01	ng		97
59) Diethylphthalate	15.93	149	595372	48.72	ng		97
60) 4-Chlorophenyl-phenylether	16.17	204	285828	43.94	ng		93
61) 4-Nitroaniline	16.20	138	134635	50.60	ng	#	67
62) Azobenzene	16.46	77	615609	54.35	ng		90
64) 4,6-Dinitro-2-methylphenol	16.24	198	100295	60.17	ng		86
65) n-Nitrosodiphenylamine	16.38	169	504208	46.74	ng		99
66) 4-Bromophenyl-phenylether	17.06	248	190792	46.85	ng		93
67) Hexachlorobenzene	17.19	284	200350	45.74	ng		93
68) Atrazine	17.32	200	180523	50.05	ng		97
69) Pentachlorophenol	17.53	266	262166	102.11	ng		98
70) Phenanthrene	17.94	178	1288518	66.56	ng		98
71) Anthracene	18.02	178	960094	49.51	ng		98
72) Carbazole	18.29	167	888828	48.59	ng		96
73) Di-n-butylphthalate	18.81	149	1008714	56.87	ng	#	94
74) Fluoranthene	19.92	202	1045163	50.54	ng		94
76) Benzidine	20.09	184	29502	2.44	ng	#	96
77) Pyrene	20.29	202	1077974	44.51	ng		98
79) Butylbenzylphthalate	21.17	149	464480	54.27	ng		93
80) Benzo(a)anthracene	22.25	228	1055500	46.17	ng		96
81) 3,3'-Dichlorobenzidine	22.15	252	264122	29.70	ng		95
82) Chrysene	22.33	228	983910	44.83	ng		97
83) Bis(2-ethylhexyl)phthalate	22.11	149	681218	52.67	ng		100
84) Di-n-octyl phthalate	23.49	149	1129262	52.72	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.22	276	1230260	46.28	ng	#	89
87) Benzo(b)fluoranthene	24.78	252	1058137	45.94	ng	#	97
88) Benzo(k)fluoranthene	24.86	252	1048849	46.42	ng	#	93
89) Benzo(a)pyrene	25.79	252	1015684	46.84	ng	#	93
90) Dibenzo(a,h)anthracene	30.29	278	1053711	46.42	ng	#	95
91) Benzo(g,h,i)perylene	31.55	276	1003132	45.63	ng	#	89

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

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