Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027313.D
Acq On : 8 Jun 2017 11:23
Operator : SJ/MA
Sample : I3473-02MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : R1-MW-6MS

Quant Time: Jun 08 12:04:13 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	51191	20.00	ng		-0.02
21) Naphthalene-d8	11.41	136	246043	20.00	ng		0.00
38) Acenaphthene-d10	15.14	164	157271	20.00	ng		-0.02
63) Phenanthrene-d10	17.89	188	351381	20.00	ng		-0.03
75) Chrysene-d12	22.27	240	404565	20.00	ng		-0.04
86) Perylene-d12	25.96	264	372176	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	217728	64.90	ng		-0.01
7) Phenol-d6	7.69	99	204236	41.48	ng		-0.01
23) Nitrobenzene-d5	9.73	82	449111	114.79	ng		-0.01
41) 2,4,6-Tribromophenol	16.63	330	326550	157.68	ng		-0.02
44) 2-Fluorobiphenyl	13.77	172	1021889	90.90	ng		-0.02
78) Terphenyl-d14	20.46	244	1472886	92.87	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	73634	52.94	ng	#	83
3) Pyridine	4.54	79	41368	9.65	ng	#	75
4) n-Nitrosodimethylamine	4.45	42	27022	17.02	ng	#	37
6) Aniline	7.89	93	141441	22.81	ng	#	92
8) 2-Chlorophenol	8.12	128	138716	39.16	ng		92
9) Benzaldehyde	7.71	77	154417	45.35	ng	#	1
10) Phenol	7.72	94	78613	15.61	ng		80
11) bis(2-Chloroethyl)ether	7.96	93	183732	44.47	ng		90
12) 1,3-Dichlorobenzene	8.45	146	143862	36.01	ng		93
13) 1,4-Dichlorobenzene	8.60	146	151236	36.88	ng		96
14) 1,2-Dichlorobenzene	8.92	146	149093	37.28	ng		95
15) Benzyl Alcohol	8.79	79	98643	28.43	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	9.07	45	288285	48.77	ng		92
17) 2-Methylphenol	8.98	107	114473	32.16	ng	#	88
18) Hexachloroethane	9.65	117	93822	67.93	ng	#	30
19) n-Nitroso-di-n-propylamine	9.35	70	166183	48.24	ng		88
20) 3+4-Methylphenols	9.30	107	140209	28.43	ng		91
22) Acetophenone	9.38	105	304801	48.44	ng	#	85
24) Nitrobenzene	9.77	77	235505	52.84	ng	#	88
25) Isophorone	10.31	82	452681	49.21	ng	#	97
26) 2-Nitrophenol	10.49	139	92537	50.01	ng	#	78
27) 2,4-Dimethylphenol	10.53	122	178184	45.05	ng		94
28) bis(2-Chloroethoxy)methane	10.79	93	281148	47.20	ng		99
29) 2,4-Dichlorophenol	11.03	162	162160	44.91	ng		98
30) 1,2,4-Trichlorobenzene	11.27	180	164106	41.04	ng		94
31) Naphthalene	11.50	128	14502930	1078.52	ng	#	35
32) Benzoic acid	10.60	122	33339	18.17	ng		96
34) Hexachlorobutadiene	11.71	225	96689	39.35	ng		100
35) Caprolactam	12.36	113	10922	8.82	ng	#	68
36) 4-Chloro-3-methylphenol	12.60	107	195222	43.14	ng		93
37) 2-Methylnaphthalene	13.01	142	4352913	443.77	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	210238	42.91	ng		98
40) Hexachlorocyclopentadiene	13.33	237	259954	99.69	ng		94
42) 2,4,6-Trichlorophenol	13.58	196	146255	49.22	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.65	196	157496	47.36	ng		96
45) 1,1'-Biphenyl	13.98	154	1087034	84.68	ng		98
46) 2-Chloronaphthalene	14.03	162	427217	44.39	ng		99
47) 2-Nitroaniline	14.22	65	166404	58.98	ng	#	85
48) Acenaphthylene	14.87	152	1332344	81.80	ng		99
49) Dimethylphthalate	14.58	163	595386	47.72	ng		98
50) 2,6-Dinitrotoluene	14.70	165	124954	49.15	ng		88
51) Acenaphthene	15.21	154	807328	76.20	ng		100
52) 3-Nitroaniline	15.03	138	98777	38.44	ng		91
53) 2,4-Dinitrophenol	15.23	184	143486	103.68	ng		89
54) Dibenzofuran	15.54	168	775700	52.39	ng		94
55) 4-Nitrophenol	15.31	139	81444	38.04	ng	#	63
56) 2,4-Dinitrotoluene	15.49	165	176664	53.54	ng	#	87
57) Fluorene	16.18	166	836099	63.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.75	232	153574	51.74	ng		97
59) Diethylphthalate	15.93	149	597133	47.99	ng		98
60) 4-Chlorophenyl-phenylether	16.17	204	290559	43.86	ng		94
61) 4-Nitroaniline	16.20	138	136371	50.36	ng	#	68
62) Azobenzene	16.46	77	621169	53.86	ng		90
64) 4,6-Dinitro-2-methylphenol	16.25	198	97873	58.24	ng		88
65) n-Nitrosodiphenylamine	16.38	169	508407	46.15	ng		99
66) 4-Bromophenyl-phenylether	17.06	248	192185	46.21	ng		95
67) Hexachlorobenzene	17.19	284	202613	45.29	ng		91
68) Atrazine	17.32	200	179967	48.85	ng		95
69) Pentachlorophenol	17.53	266	262754	100.21	ng		96
70) Phenanthrene	17.94	178	1311360	66.33	ng		97
71) Anthracene	18.02	178	963133	48.63	ng		99
72) Carbazole	18.29	167	900804	48.22	ng		97
73) Di-n-butylphthalate	18.82	149	1013813	55.97	ng	#	94
74) Fluoranthene	19.92	202	1043944	49.43	ng		94
77) Pyrene	20.28	202	1092315	44.69	ng		97
79) Butylbenzylphthalate	21.17	149	467217	54.09	ng		94
80) Benzo(a)anthracene	22.25	228	1063247	46.08	ng		96
81) 3,3'-Dichlorobenzidine	22.15	252	256108	28.53	ng		97
82) Chrysene	22.33	228	992558	44.81	ng		96
83) Bis(2-ethylhexyl)phthalate	22.11	149	686135	52.57	ng		99
84) Di-n-octyl phthalate	23.49	149	1132431	52.38	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.20	276	1244005	46.37	ng	#	93
87) Benzo(b)fluoranthene	24.78	252	1072428	46.46	ng	#	97
88) Benzo(k)fluoranthene	24.86	252	1053460	46.52	ng	#	94
89) Benzo(a)pyrene	25.79	252	1027146	47.27	ng	#	95
90) Dibenzo(a,h)anthracene	30.29	278	1059700	46.59	ng	#	94
91) Benzo(g,h,i)perylene	31.54	276	1008600	45.79	ng	#	91

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

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