Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022383.D
Acq On : 17 Jun 2016 2:19
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 17 03:51:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	27962	20.00	ng		-0.04
21) Naphthalene-d8	10.87	136	148734	20.00	ng		-0.03
38) Acenaphthene-d10	14.69	164	83294	20.00	ng		-0.03
63) Phenanthrene-d10	17.44	188	173647	20.00	ng		-0.03
75) Chrysene-d12	21.71	240	151275	20.00	ng		-0.03
86) Perylene-d12	24.98	264	134430	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	126568	87.52	ng		-0.01
7) Phenol-d6	7.25	99	194642	85.60	ng		0.00
23) Nitrobenzene-d5	9.23	82	186601	87.47	ng		-0.03
41) 2,4,6-Tribromophenol	16.19	330	61521	65.37	ng		-0.03
44) 2-Fluorobiphenyl	13.31	172	453064	82.89	ng		-0.03
78) Terphenyl-d14	20.03	244	525683	82.50	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	26584	38.34	ng	#	76
3) Pyridine	3.84	79	75500	40.29	ng		90
4) n-Nitrosodimethylamine	3.75	42	20286	48.41	ng	#	83
6) Aniline	7.38	93	123554	42.77	ng	#	83
8) 2-Chlorophenol	7.63	128	82031	41.04	ng	#	81
9) Benzaldehyde	7.19	77	46671	37.29	ng	#	74
10) Phenol	7.28	94	99237	42.33	ng		85
11) bis(2-Chloroethyl)ether	7.47	93	77929	41.69	ng	#	73
12) 1,3-Dichlorobenzene	7.94	146	85298	39.81	ng	#	93
13) 1,4-Dichlorobenzene	8.09	146	88067	41.25	ng		96
14) 1,2-Dichlorobenzene	8.41	146	85403	39.69	ng		96
15) Benzyl Alcohol	8.30	79	63896	43.49	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	90311	46.57	ng		82
17) 2-Methylphenol	8.53	107	71517	40.88	ng	#	88
18) Hexachloroethane	9.14	117	32873	42.17	ng	#	81
19) n-Nitroso-di-n-propylamine	8.86	70	64750	42.07	ng	#	73
20) 3+4-Methylphenols	8.86	107	99150	39.51	ng	#	88
22) Acetophenone	8.89	105	128703	40.15	ng	#	84
24) Nitrobenzene	9.27	77	91845	42.81	ng	#	82
25) Isophorone	9.79	82	188259	37.72	ng		96
26) 2-Nitrophenol	9.99	139	49026	42.14	ng	#	76
27) 2,4-Dimethylphenol	10.06	122	82418	39.14	ng		91
28) bis(2-Chloroethoxy)methane	10.27	93	114863	40.17	ng		93
29) 2,4-Dichlorophenol	10.54	162	76950	39.45	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	84327	38.69	ng		92
31) Naphthalene	10.93	128	288789	38.90	ng	#	96
32) Benzoic acid	10.23	122	33004	46.40	ng		88
33) 4-Chloroaniline	11.05	127	119932	38.85	ng	#	91
34) Hexachlorobutadiene	11.20	225	43958	37.57	ng		97
35) Caprolactam	11.82	113	32553	30.42	ng	#	53
36) 4-Chloro-3-methylphenol	12.19	107	89944	38.90	ng		88
37) 2-Methylnaphthalene	12.53	142	208336	38.01	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	88488	41.27	ng		99
40) Hexachlorocyclopentadiene	12.86	237	16280	19.08	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	59154	41.13	ng		98
43) 2,4,5-Trichlorophenol	13.23	196	60700	38.20	ng		97
45) 1,1'-Biphenyl	13.53	154	265543	42.36	ng		93
46) 2-Chloronaphthalene	13.58	162	202362	42.11	ng		97
47) 2-Nitroaniline	13.79	65	51518	44.96	ng	#	63
48) Acenaphthylene	14.42	152	336881	39.96	ng		97
49) Dimethylphthalate	14.15	163	251944	36.48	ng		97
50) 2,6-Dinitrotoluene	14.27	165	57214	38.11	ng	#	83
51) Acenaphthene	14.76	154	202006	39.99	ng		96
52) 3-Nitroaniline	14.62	138	59563	35.77	ng	#	81
53) 2,4-Dinitrophenol	14.84	184	15026	32.09	ng	#	81
54) Dibenzofuran	15.09	168	312827	39.68	ng		99
55) 4-Nitrophenol	14.99	139	30899	26.89	ng	#	74
56) 2,4-Dinitrotoluene	15.07	165	79500	39.48	ng	#	90
57) Fluorene	15.74	166	258388	38.05	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.33	232	53810	37.75	ng		95
59) Diethylphthalate	15.50	149	267056	36.20	ng		99
60) 4-Chlorophenyl-phenylether	15.73	204	117085	38.07	ng		96
61) 4-Nitroaniline	15.78	138	49323	27.93	ng		84
62) Azobenzene	16.02	77	236711	42.37	ng		88
64) 4,6-Dinitro-2-methylphenol	15.84	198	34345	40.03	ng		86
65) n-Nitrosodiphenylamine	15.94	169	212609	42.50	ng		99
66) 4-Bromophenyl-phenylether	16.62	248	66587	40.92	ng		98
67) Hexachlorobenzene	16.74	284	70556	37.21	ng		97
68) Atrazine	16.89	200	67486	36.45	ng		97
69) Pentachlorophenol	17.11	266	18901	26.90	ng		97
70) Phenanthrene	17.48	178	378827	40.17	ng		99
71) Anthracene	17.57	178	377652	40.37	ng		97
72) Carbazole	17.85	167	341578	38.56	ng		96
73) Di-n-butylphthalate	18.38	149	467226	40.34	ng		99
74) Fluoranthene	19.49	202	406518	37.49	ng		96
76) Benzidine	19.68	184	146848	37.12	ng		95
77) Pyrene	19.84	202	404760	43.04	ng		99
79) Butylbenzylphthalate	20.71	149	202294	46.38	ng	#	91
80) Benzo(a)anthracene	21.69	228	336859	39.71	ng		99
81) 3,3'-Dichlorobenzidine	21.61	252	93153	39.12	ng	#	97
82) Chrysene	21.76	228	326048	39.50	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	287995	44.90	ng		95
84) Di-n-octyl phthalate	22.77	149	491067	46.11	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.76	276	347097	37.48	ng	#	85
87) Benzo(b)fluoranthene	23.93	252	326124	41.60	ng	#	96
88) Benzo(k)fluoranthene	24.00	252	307732	39.87	ng	#	96
89) Benzo(a)pyrene	24.82	252	308828	41.20	ng	#	96
90) Dibenzo(a,h)anthracene	28.80	278	279235	39.55	ng	#	92
91) Benzo(g,h,i)perylene	29.96	276	292331	39.80	ng	#	92

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

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