Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030988.D
Acq On : 14 Nov 2017 00:55
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 14 05:02:37 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	48968	20.00	ng		-0.02
21) Naphthalene-d8	10.96	136	215721	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	149484	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	375627	20.00	ng		0.00
75) Chrysene-d12	21.79	240	439956	20.00	ng		0.00
86) Perylene-d12	25.09	264	464470	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	237843	83.29	ng		-0.01
7) Phenol-d6	7.30	99	315763	82.08	ng		0.00
23) Nitrobenzene-d5	9.31	82	297385	81.69	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	218963	90.55	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	882917	84.87	ng		0.00
78) Terphenyl-d14	20.09	244	1643888	82.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	41778	36.051	ng	#	84
3) Pyridine	3.96	79	111716	33.206	ng		88
4) n-Nitrosodimethylamine	3.87	42	55488	34.800	ng	#	83
6) Aniline	7.46	93	196625	38.835	ng		96
8) 2-Chlorophenol	7.70	128	128598	40.807	ng		84
9) Benzaldehyde	7.27	77	100870	37.467	ng		87
10) Phenol	7.33	94	159172	39.839	ng		98
11) bis(2-Chloroethyl)ether	7.55	93	126415	39.628	ng		90
12) 1,3-Dichlorobenzene	8.03	146	151601	41.002	ng		97
13) 1,4-Dichlorobenzene	8.18	146	152955	40.823	ng		97
14) 1,2-Dichlorobenzene	8.50	146	148732	41.358	ng		98
15) Benzyl Alcohol	8.38	79	122003	39.535	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.66	45	124710	35.392	ng		91
17) 2-Methylphenol	8.58	107	108088	38.850	ng		95
18) Hexachloroethane	9.22	117	53189	40.788	ng		92
19) n-Nitroso-di-n-propylamine	8.94	70	115060	39.334	ng	#	95
20) 3+4-Methylphenols	8.91	107	157281	39.756	ng		95
22) Acetophenone	8.97	105	220148	40.987	ng	#	93
24) Nitrobenzene	9.35	77	152261	40.944	ng		94
25) Isophorone	9.87	82	272984	38.449	ng	#	90
26) 2-Nitrophenol	10.06	139	82299	42.458	ng	#	88
27) 2,4-Dimethylphenol	10.12	122	117978	40.997	ng		95
28) bis(2-Chloroethoxy)methane	10.35	93	178949	40.018	ng		96
29) 2,4-Dichlorophenol	10.61	162	150780	43.634	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	180386	43.723	ng		98
31) Naphthalene	11.01	128	427318	40.295	ng		99
32) Benzoic acid	10.28	122	85680	37.193	ng	#	80
33) 4-Chloroaniline	11.12	127	190580	41.053	ng		95
34) Hexachlorobutadiene	11.29	225	130313	45.545	ng		98
35) Caprolactam	11.89	113	51055	36.167	ng	#	77
36) 4-Chloro-3-methylphenol	12.23	107	150739	40.080	ng		89
37) 2-Methylnaphthalene	12.60	142	340406	41.582	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	269063	45.351	ng	#	95
40) Hexachlorocyclopentadiene	12.94	237	78194	41.545	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	148855	43.888	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	159633	43.017	ng	#	92
45) 1,1'-Biphenyl	13.60	154	509086	41.070	ng		97
46) 2-Chloronaphthalene	13.65	162	376410	42.087	ng		95
47) 2-Nitroaniline	13.85	65	102832	38.792	ng	#	82
48) Acenaphthylene	14.49	152	587488	40.134	ng		98
49) Dimethylphthalate	14.21	163	517977	40.076	ng	#	97
50) 2,6-Dinitrotoluene	14.34	165	112735	42.318	ng	#	79
51) Acenaphthene	14.83	154	376246	41.156	ng		98
52) 3-Nitroaniline	14.67	138	110352	39.012	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	37475	29.560	ng	#	53
54) Dibenzofuran	15.16	168	596369	40.955	ng		99
55) 4-Nitrophenol	14.99	139	76695	38.062	ng	#	86
56) 2,4-Dinitrotoluene	15.12	165	158126	41.057	ng	#	76
57) Fluorene	15.81	166	484433	40.977	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	158712	44.875	ng	#	85
59) Diethylphthalate	15.56	149	508146	38.704	ng		96
60) 4-Chlorophenyl-phenylether	15.79	204	308564	43.217	ng		89
61) 4-Nitroaniline	15.83	138	116983	39.055	ng		90
62) Azobenzene	16.09	77	380208	37.973	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	99297	39.770	ng	#	76
65) n-Nitrosodiphenylamine	16.01	169	467377	41.061	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	210579	44.263	ng		95
67) Hexachlorobenzene	16.82	284	225839	44.676	ng	#	91
68) Atrazine	16.95	200	190177	40.495	ng		97
69) Pentachlorophenol	17.16	266	120509	43.127	ng		99
70) Phenanthrene	17.55	178	811180	41.476	ng		100
71) Anthracene	17.64	178	816552	41.667	ng		99
72) Carbazole	17.91	167	742603	40.442	ng		99
73) Di-n-butylphthalate	18.45	149	868401	38.517	ng		99
74) Fluoranthene	19.55	202	1058732	42.755	ng		96
76) Benzidine	19.72	184	510865	36.149	ng		98
77) Pyrene	19.91	202	1087689	41.663	ng		98
79) Butylbenzylphthalate	20.78	149	397013	38.140	ng	#	83
80) Benzo(a)anthracene	21.76	228	1116297	40.848	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	453056	41.070	ng	#	97
82) Chrysene	21.83	228	1031936	40.821	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	557730	37.118	ng	#	99
84) Di-n-octyl phthalate	22.87	149	949367	38.819	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.89	276	1308052	42.563	ng	#	86
87) Benzo(b)fluoranthene	24.04	252	1132050	40.293	ng	#	97
88) Benzo(k)fluoranthene	24.11	252	1135414	40.771	ng	#	96
89) Benzo(a)pyrene	24.94	252	1085412	40.666	ng	#	98
90) Dibenzo(a,h)anthracene	28.95	278	1100560	40.342	ng	#	95
91) Benzo(g,h,i)perylene	30.09	276	1072826	40.518	ng	#	94

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

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