Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
Data File : BG024502.D
Acq On : 25 Oct 2016 18:14
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 26 11:24:24 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	113711	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	441084	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	340135	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	786590	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1108292	20.00	ng		0.00
86) Perylene-d12	25.36	264	1196461	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	514582	74.17	ng		0.00
7) Phenol-d6	7.40	99	696644	73.20	ng		0.00
23) Nitrobenzene-d5	9.45	82	731854	75.54	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	403210	79.35	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1530144	74.77	ng		0.00
78) Terphenyl-d14	20.21	244	2727404	73.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	110282	38.91	ng		89
3) Pyridine	4.08	79	318898	37.58	ng		89
4) n-Nitrosodimethylamine	4.00	42	163836	37.29	ng	#	91
6) Aniline	7.59	93	433481	35.95	ng		98
8) 2-Chlorophenol	7.83	128	253634	35.96	ng		96
9) Benzaldehyde	7.41	77	215836	36.70	ng		95
10) Phenol	7.43	94	354303	36.12	ng		95
11) bis(2-Chloroethyl)ether	7.68	93	265298	36.00	ng		93
12) 1,3-Dichlorobenzene	8.16	146	321638	36.83	ng		99
13) 1,4-Dichlorobenzene	8.31	146	319781	37.07	ng		93
14) 1,2-Dichlorobenzene	8.63	146	308610	37.21	ng		96
15) Benzyl Alcohol	8.51	79	317899	35.91	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	490416	35.86	ng		96
17) 2-Methylphenol	8.70	107	239330	36.82	ng		97
18) Hexachloroethane	9.37	117	125694	37.91	ng		94
19) n-Nitroso-di-n-propylamine	9.07	70	258479	36.85	ng		95
20) 3+4-Methylphenols	9.02	107	319737	36.63	ng		94
22) Acetophenone	9.10	105	428124	37.79	ng	#	93
24) Nitrobenzene	9.49	77	402946	37.39	ng		96
25) Isophorone	10.01	82	675233	37.47	ng		97
26) 2-Nitrophenol	10.21	139	153749	38.43	ng		94
27) 2,4-Dimethylphenol	10.24	122	260889	37.25	ng		94
28) bis(2-Chloroethoxy)methane	10.49	93	345052	37.01	ng		99
29) 2,4-Dichlorophenol	10.73	162	272852	37.12	ng		97
30) 1,2,4-Trichlorobenzene	10.95	180	320464	36.75	ng		99
31) Naphthalene	11.15	128	820062	37.27	ng		96
32) Benzoic acid	10.35	122	225183	38.61	ng		99
33) 4-Chloroaniline	11.25	127	359040	37.58	ng	#	95
34) Hexachlorobutadiene	11.42	225	257064	37.67	ng		94
35) Caprolactam	12.02	113	102464	38.08	ng		97
36) 4-Chloro-3-methylphenol	12.34	107	341194	38.45	ng		97
37) 2-Methylnaphthalene	12.73	142	601615	37.47	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	415723	36.24	ng		98
40) Hexachlorocyclopentadiene	13.07	237	247319	38.28	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	265469	38.50	ng		98
43) 2,4,5-Trichlorophenol	13.39	196	286092	38.37	ng		98
45) 1,1'-Biphenyl	13.73	154	883220	37.42	ng		98
46) 2-Chloronaphthalene	13.77	162	667682	37.15	ng		96
47) 2-Nitroaniline	13.98	65	292793	39.79	ng		95
48) Acenaphthylene	14.62	152	1029299	37.34	ng		99
49) Dimethylphthalate	14.33	163	907347	37.58	ng		98
50) 2,6-Dinitrotoluene	14.45	165	201002	38.99	ng		92
51) Acenaphthene	14.95	154	774412	37.69	ng		97
52) 3-Nitroaniline	14.79	138	196735	36.88	ng		91
53) 2,4-Dinitrophenol	14.99	184	142442	38.13	ng		90
54) Dibenzofuran	15.28	168	1061970	37.38	ng		99
55) 4-Nitrophenol	15.07	139	184191	39.63	ng		94
56) 2,4-Dinitrotoluene	15.24	165	293649	39.20	ng	#	98
57) Fluorene	15.93	166	891388	37.84	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.50	232	311356	40.28	ng		93
59) Diethylphthalate	15.68	149	942062	37.21	ng		95
60) 4-Chlorophenyl-phenylether	15.92	204	497039	37.60	ng		92
61) 4-Nitroaniline	15.95	138	228380	39.19	ng		90
62) Azobenzene	16.20	77	954120	37.79	ng		98
64) 4,6-Dinitro-2-methylphenol	15.99	198	214063	39.50	ng		85
65) n-Nitrosodiphenylamine	16.13	169	792609	36.86	ng		99
66) 4-Bromophenyl-phenylether	16.81	248	355426	37.22	ng		95
67) Hexachlorobenzene	16.93	284	400736	37.98	ng	#	89
68) Atrazine	17.06	200	347453	37.67	ng		98
69) Pentachlorophenol	17.27	266	279979	40.21	ng		90
70) Phenanthrene	17.67	178	1510041	37.66	ng		98
71) Anthracene	17.76	178	1527319	37.76	ng		98
72) Carbazole	18.03	167	1394302	37.80	ng		98
73) Di-n-butylphthalate	18.56	149	1630938	38.34	ng		98
74) Fluoranthene	19.67	202	2006292	39.58	ng		96
76) Benzidine	19.84	184	994461	38.08	ng		98
77) Pyrene	20.03	202	2042522	37.70	ng		99
79) Butylbenzylphthalate	20.89	149	841178	37.24	ng		99
80) Benzo(a)anthracene	21.90	228	2266063	37.22	ng		99
81) 3,3'-Dichlorobenzidine	21.82	252	906287	36.90	ng		97
82) Chrysene	21.98	228	2176562	37.54	ng		97
83) Bis(2-ethylhexyl)phthalate	21.77	149	1203971	37.26	ng		98
84) Di-n-octyl phthalate	23.05	149	2056902	38.36	ng		95
85) Indeno(1,2,3-cd)pyrene	29.31	276	2912989	36.39	ng	#	97
87) Benzo(b)fluoranthene	24.26	252	2397855	37.08	ng		100
88) Benzo(k)fluoranthene	24.34	252	2353465	37.68	ng		96
89) Benzo(a)pyrene	25.20	252	2360402	37.35	ng		99
90) Dibenzo(a,h)anthracene	29.38	278	2508842	36.17	ng		99
91) Benzo(g,h,i)perylene	30.56	276	2503177	36.12	ng		98

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

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