Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091916\
Data File : BG024020.D
Acq On : 19 Sep 2016 16:20
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 20 00:52:42 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	71534	20.00	ng		-0.05
21) Naphthalene-d8	10.89	136	340201	20.00	ng		-0.05
38) Acenaphthene-d10	14.74	164	268413	20.00	ng		-0.03
63) Phenanthrene-d10	17.50	188	676465	20.00	ng		-0.03
75) Chrysene-d12	21.81	240	660008	20.00	ng		-0.04
86) Perylene-d12	25.15	264	688556	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	314429	77.17	ng		-0.05
7) Phenol-d6	7.23	99	501313	79.93	ng		-0.05
23) Nitrobenzene-d5	9.24	82	661538	86.81	ng		-0.04
41) 2,4,6-Tribromophenol	16.23	330	367245	75.94	ng		-0.04
44) 2-Fluorobiphenyl	13.34	172	1410489	75.34	ng		-0.04
78) Terphenyl-d14	20.10	244	2093292	72.23	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	62175	37.00	ng		95
3) Pyridine	3.87	79	211920	41.96	ng		97
4) n-Nitrosodimethylamine	3.79	42	124908	46.92	ng	#	80
6) Aniline	7.38	93	338922	40.71	ng		97
8) 2-Chlorophenol	7.62	128	178774	37.87	ng		96
9) Benzaldehyde	7.19	77	169423	38.02	ng		91
10) Phenol	7.25	94	265696	40.27	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	198349	38.21	ng		92
12) 1,3-Dichlorobenzene	7.94	146	211329	38.25	ng		93
13) 1,4-Dichlorobenzene	8.09	146	216438	36.98	ng		97
14) 1,2-Dichlorobenzene	8.41	146	214664	39.08	ng		95
15) Benzyl Alcohol	8.31	79	248925	45.02	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	272760	39.20	ng		93
17) 2-Methylphenol	8.52	107	175146	39.40	ng		98
18) Hexachloroethane	9.14	117	90920	40.34	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	236332	42.65	ng		97
20) 3+4-Methylphenols	8.85	107	258116	41.66	ng		96
22) Acetophenone	8.90	105	364872	41.43	ng	#	99
24) Nitrobenzene	9.28	77	360892	44.04	ng		100
25) Isophorone	9.81	82	635658	43.02	ng	#	95
26) 2-Nitrophenol	10.00	139	131552	42.23	ng		95
27) 2,4-Dimethylphenol	10.06	122	219987	41.55	ng		94
28) bis(2-Chloroethoxy)methane	10.28	93	308953	41.41	ng		98
29) 2,4-Dichlorophenol	10.55	162	240675	42.91	ng		98
30) 1,2,4-Trichlorobenzene	10.75	180	248317	40.36	ng		96
31) Naphthalene	10.94	128	693457	39.56	ng		98
32) Benzoic acid	10.27	122	171554	39.90	ng		97
33) 4-Chloroaniline	11.06	127	303384	41.45	ng		97
34) Hexachlorobutadiene	11.21	225	199858	43.25	ng		95
35) Caprolactam	11.87	113	83494	42.23	ng	#	82
36) 4-Chloro-3-methylphenol	12.20	107	332591	44.37	ng		98
37) 2-Methylnaphthalene	12.55	142	541034	40.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	365232	40.99	ng		99
40) Hexachlorocyclopentadiene	12.88	237	188350	39.06	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	238356	40.09	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	242294	40.31	ng		93
45) 1,1'-Biphenyl	13.56	154	821853	38.07	ng		99
46) 2-Chloronaphthalene	13.61	162	612297	38.63	ng		97
47) 2-Nitroaniline	13.82	65	282486	45.25	ng		99
48) Acenaphthylene	14.45	152	1012345	38.32	ng		99
49) Dimethylphthalate	14.18	163	893574	38.82	ng		98
50) 2,6-Dinitrotoluene	14.32	165	192485	39.62	ng		97
51) Acenaphthene	14.79	154	620912	38.01	ng		98
52) 3-Nitroaniline	14.66	138	186149	40.96	ng		95
53) 2,4-Dinitrophenol	14.88	184	112289	35.55	ng		95
54) Dibenzofuran	15.13	168	976788	38.32	ng		98
55) 4-Nitrophenol	14.99	139	131824	36.46	ng		91
56) 2,4-Dinitrotoluene	15.11	165	286468	40.11	ng	#	85
57) Fluorene	15.79	166	850477	38.47	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	241233	39.54	ng		93
59) Diethylphthalate	15.55	149	928928	37.81	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	473514	39.79	ng		95
61) 4-Nitroaniline	15.83	138	188091	40.94	ng		95
62) Azobenzene	16.07	77	963789	40.50	ng		97
64) 4,6-Dinitro-2-methylphenol	15.88	198	189950	40.45	ng		91
65) n-Nitrosodiphenylamine	15.99	169	775528	40.36	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	339817	41.29	ng		97
67) Hexachlorobenzene	16.80	284	376074	38.96	ng		96
68) Atrazine	16.94	200	329557	39.87	ng		97
69) Pentachlorophenol	17.15	266	181797	35.46	ng		95
70) Phenanthrene	17.54	178	1353673	38.47	ng		99
71) Anthracene	17.63	178	1390868	38.75	ng		99
72) Carbazole	17.91	167	1201888	36.90	ng		97
73) Di-n-butylphthalate	18.44	149	1436726	36.97	ng		100
74) Fluoranthene	19.55	202	1495971	35.31	ng		97
76) Benzidine	19.74	184	726839	35.56	ng		99
77) Pyrene	19.92	202	1513608	37.29	ng		96
79) Butylbenzylphthalate	20.79	149	614746	39.29	ng		99
80) Benzo(a)anthracene	21.78	228	1493827	40.43	ng		95
81) 3,3'-Dichlorobenzidine	21.70	252	607874	41.16	ng	#	96
82) Chrysene	21.85	228	1416261	40.27	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	876044	40.89	ng	#	96
84) Di-n-octyl phthalate	22.91	149	1534084	43.66	ng		99
85) Indeno(1,2,3-cd)pyrene	29.00	276	1859674	47.76	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	1564220	39.99	ng		98
88) Benzo(k)fluoranthene	24.16	252	1572409	40.54	ng	#	98
89) Benzo(a)pyrene	25.00	252	1523641	41.02	ng	#	99
90) Dibenzo(a,h)anthracene	29.05	278	1503304	41.15	ng	#	98
91) Benzo(g,h,i)perylene	30.20	276	1525194	43.42	ng	#	98

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

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