Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023847.D
Acq On : 23 Aug 2016 11:13
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
8/24/2016 6:13:29 PM

Quant Time: Aug 24 01:27:35 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	106387	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	444883	20.00	ng		-0.02
38) Acenaphthene-d10	14.77	164	283612	20.00	ng		-0.01
63) Phenanthrene-d10	17.53	188	664322	20.00	ng		-0.01
75) Chrysene-d12	21.85	240	734293	20.00	ng		-0.02
86) Perylene-d12	25.22	264	732028	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	516707	81.75	ng		-0.02
7) Phenol-d6	7.27	99	725847	73.73	ng		-0.01
23) Nitrobenzene-d5	9.29	82	751355	83.96	ng		-0.01
41) 2,4,6-Tribromophenol	16.27	330	280346	67.58	ng		-0.01
44) 2-Fluorobiphenyl	13.39	172	1423361	84.65	ng		-0.01
78) Terphenyl-d14	20.14	244	2007257	85.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	112965	41.95	ng		90
3) Pyridine	3.91	79	347683	39.29	ng		90
4) n-Nitrosodimethylamine	3.83	42	147289	44.89	ng	#	82
6) Aniline	7.42	93	487719	34.29	ng		95
8) 2-Chlorophenol	7.67	128	288933	39.79	ng		93
9) Benzaldehyde	7.24	77	263934	50.52	ng		93
10) Phenol	7.29	94	396982	37.70	ng		86
11) bis(2-Chloroethyl)ether	7.52	93	318322	37.89	ng		96
12) 1,3-Dichlorobenzene	7.99	146	338092	40.67	ng		95
13) 1,4-Dichlorobenzene	8.14	146	338409	39.77	ng		94
14) 1,2-Dichlorobenzene	8.46	146	315193	37.76	ng		94
15) Benzyl Alcohol	8.35	79	299863	40.20	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.63	45	469043	37.97	ng		89
17) 2-Methylphenol	8.55	107	258513	36.62	ng		91
18) Hexachloroethane	9.20	117	131391	41.02	ng		99
19) n-Nitroso-di-n-propylamine	8.92	70	295371	34.88	ng		95
20) 3+4-Methylphenols	8.89	107	356738	35.84	ng		90
22) Acetophenone	8.94	105	485938	39.89	ng	#	93
24) Nitrobenzene	9.33	77	435707	43.97	ng	#	90
25) Isophorone	9.85	82	743954	39.91	ng	#	96
26) 2-Nitrophenol	10.04	139	173629	41.52	ng	#	79
27) 2,4-Dimethylphenol	10.10	122	279754	39.28	ng		89
28) bis(2-Chloroethoxy)methane	10.33	93	407951	36.41	ng		100
29) 2,4-Dichlorophenol	10.59	162	291663	40.73	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	320000	41.44	ng		96
31) Naphthalene	10.99	128	897137	39.60	ng		99
32) Benzoic acid	10.26	122	203560	33.32	ng		90
33) 4-Chloroaniline	11.11	127	378862	34.98	ng		93
34) Hexachlorobutadiene	11.27	225	222039	43.72	ng		93
35) Caprolactam	11.88	113	97100	32.23	ng	#	87
36) 4-Chloro-3-methylphenol	12.23	107	345223	36.70	ng		95
37) 2-Methylnaphthalene	12.59	142	633309m	36.77	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	429267	41.74	ng		99
40) Hexachlorocyclopentadiene	12.94	237	161499	31.14	ng		99

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Quant Time: Aug 24 01:27:35 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	238384	38.91	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	241003	38.21	ng		91
45) 1,1'-Biphenyl	13.60	154	865880	39.94	ng		97
46) 2-Chloronaphthalene	13.65	162	672561	40.10	ng		98
47) 2-Nitroaniline	13.86	65	265597	38.14	ng		94
48) Acenaphthylene	14.50	152	1066855	40.24	ng		99
49) Dimethylphthalate	14.22	163	895614	41.16	ng		98
50) 2,6-Dinitrotoluene	14.35	165	200579	38.92	ng		85
51) Acenaphthene	14.84	154	654360	38.96	ng		97
52) 3-Nitroaniline	14.69	138	201195	34.62	ng	#	80
53) 2,4-Dinitrophenol	14.90	184	108328	32.79	ng		90
54) Dibenzofuran	15.17	168	960242	39.38	ng		95
55) 4-Nitrophenol	15.01	139	158688	34.77	ng	#	82
56) 2,4-Dinitrotoluene	15.14	165	283815	39.24	ng		96
57) Fluorene	15.83	166	832659	39.13	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	217746	37.62	ng	#	96
59) Diethylphthalate	15.58	149	898998	40.70	ng		100
60) 4-Chlorophenyl-phenylether	15.81	204	435529	38.67	ng		99
61) 4-Nitroaniline	15.85	138	220118	35.58	ng	#	71
62) Azobenzene	16.11	77	871913	38.94	ng		93
64) 4,6-Dinitro-2-methylphenol	15.91	198	160455	35.52	ng		92
65) n-Nitrosodiphenylamine	16.03	169	742910	38.13	ng		98
66) 4-Bromophenyl-phenylether	16.71	248	294680	38.06	ng		97
67) Hexachlorobenzene	16.84	284	312516	36.89	ng		99
68) Atrazine	16.98	200	304089	40.64	ng		95
69) Pentachlorophenol	17.19	266	159227	32.24	ng		98
70) Phenanthrene	17.58	178	1352663	40.13	ng		99
71) Anthracene	17.67	178	1384636	40.84	ng		98
72) Carbazole	17.95	167	1262329	42.40	ng		98
73) Di-n-butylphthalate	18.48	149	1538187	52.17	ng	#	96
74) Fluoranthene	19.58	202	1636489	53.19	ng		96
76) Benzidine	19.77	184	910457	44.60	ng		98
77) Pyrene	19.95	202	1678059	39.22	ng		97
79) Butylbenzylphthalate	20.82	149	740528	41.88	ng		97
80) Benzo(a)anthracene	21.82	228	1625882	40.11	ng		96
81) 3,3'-Dichlorobenzidine	21.73	252	629176	37.84	ng	#	99
82) Chrysene	21.89	228	1547403	40.12	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1034555	42.73	ng		99
84) Di-n-octyl phthalate	22.96	149	1769611	42.82	ng		98
85) Indeno(1,2,3-cd)pyrene	29.10	276	1872965	38.87	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1668228	40.50	ng	#	98
88) Benzo(k)fluoranthene	24.21	252	1592971	40.27	ng	#	98
89) Benzo(a)pyrene	25.06	252	1601111	40.88	ng	#	98
90) Dibenzo(a,h)anthracene	29.15	278	1599767	39.98	ng	#	90
91) Benzo(g,h,i)perylene	30.31	276	1551427	38.50	ng	#	92

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

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