Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061616\
Data File : BG022365.D
Acq On : 16 Jun 2016 14:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
6/17/2016 2:11:26 AM

Quant Time: Jun 17 01:55:38 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	24911	20.00	ng		-0.04
21) Naphthalene-d8	10.87	136	129991	20.00	ng		-0.03
38) Acenaphthene-d10	14.69	164	73639	20.00	ng		-0.03
63) Phenanthrene-d10	17.44	188	159772	20.00	ng		-0.03
75) Chrysene-d12	21.71	240	131164	20.00	ng		-0.03
86) Perylene-d12	24.97	264	118043	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	111169	86.28	ng		-0.02
7) Phenol-d6	7.25	99	175559	86.66	ng		0.00
23) Nitrobenzene-d5	9.23	82	170079	91.22	ng		-0.03
41) 2,4,6-Tribromophenol	16.19	330	55592	66.81	ng		-0.03
44) 2-Fluorobiphenyl	13.32	172	404273	83.66	ng		-0.03
78) Terphenyl-d14	20.04	244	486689	88.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	23873	38.64	ng	#	72
3) Pyridine	3.84	79	69583	41.68	ng	#	92
4) n-Nitrosodimethylamine	3.76	42	19457	52.12	ng	#	80
6) Aniline	7.38	93	112336	43.65	ng	#	85
8) 2-Chlorophenol	7.63	128	73305	41.16	ng		84
9) Benzaldehyde	7.19	77	42117	37.77	ng	#	80
10) Phenol	7.28	94	89702	42.95	ng		86
11) bis(2-Chloroethyl)ether	7.47	93	71571	42.98	ng	#	77
12) 1,3-Dichlorobenzene	7.94	146	74723	39.14	ng		95
13) 1,4-Dichlorobenzene	8.09	146	76884	40.42	ng		94
14) 1,2-Dichlorobenzene	8.41	146	74787	39.01	ng		98
15) Benzyl Alcohol	8.31	79	64457	49.25	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	87310	50.54	ng		84
17) 2-Methylphenol	8.53	107	66364	42.58	ng		90
18) Hexachloroethane	9.14	117	29312	42.21	ng	#	83
19) n-Nitroso-di-n-propylamine	8.86	70	62141	45.32	ng	#	72
20) 3+4-Methylphenols	8.87	107	89693	40.12	ng	#	77
22) Acetophenone	8.89	105	119179	42.54	ng	#	85
24) Nitrobenzene	9.27	77	84326	44.97	ng	#	83
25) Isophorone	9.79	82	176854	40.54	ng		96
26) 2-Nitrophenol	9.98	139	44291	43.56	ng	#	82
27) 2,4-Dimethylphenol	10.06	122	73852	40.13	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	105125	42.06	ng		90
29) 2,4-Dichlorophenol	10.55	162	68326	40.08	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	73598	38.64	ng		94
31) Naphthalene	10.92	128	254513	39.23	ng	#	95
32) Benzoic acid	10.23	122	33124	50.87	ng	#	82
33) 4-Chloroaniline	11.05	127	106506	39.48	ng	#	93
34) Hexachlorobutadiene	11.20	225	37943	37.10	ng		94
35) Caprolactam	11.82	113	30088	32.17	ng	#	56
36) 4-Chloro-3-methylphenol	12.19	107	81219	40.19	ng		90
37) 2-Methylnaphthalene	12.53	142	185015	38.62	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	77240	40.75	ng		98
40) Hexachlorocyclopentadiene	12.86	237	17654	22.24	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	52056	40.94	ng		96
43) 2,4,5-Trichlorophenol	13.25	196	54109	38.51	ng		91
45) 1,1'-Biphenyl	13.53	154	235724	42.53	ng		93
46) 2-Chloronaphthalene	13.57	162	179663	42.29	ng		98
47) 2-Nitroaniline	13.80	65	47829	47.22	ng	#	68
48) Acenaphthylene	14.42	152	300981	40.38	ng		97
49) Dimethylphthalate	14.14	163	228653	37.45	ng		100
50) 2,6-Dinitrotoluene	14.27	165	52533	39.58	ng	#	84
51) Acenaphthene	14.76	154	179577	40.21	ng		96
52) 3-Nitroaniline	14.62	138	52631	35.75	ng	#	82
53) 2,4-Dinitrophenol	14.84	184	15623	35.81	ng		87
54) Dibenzofuran	15.09	168	277024	39.75	ng		99
55) 4-Nitrophenol	14.99	139	30041	29.57	ng	#	72
56) 2,4-Dinitrotoluene	15.07	165	70162	39.41	ng	#	94
57) Fluorene	15.74	166	229700	38.26	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.33	232	44098m	35.00	ng		
59) Diethylphthalate	15.50	149	245958	37.71	ng		99
60) 4-Chlorophenyl-phenylether	15.73	204	103401	38.03	ng		99
61) 4-Nitroaniline	15.79	138	52139m	33.39	ng		
62) Azobenzene	16.02	77	221833	44.91	ng		91
64) 4,6-Dinitro-2-methylphenol	15.84	198	32837	41.39	ng		87
65) n-Nitrosodiphenylamine	15.95	169	195260	42.42	ng		97
66) 4-Bromophenyl-phenylether	16.62	248	58537	39.10	ng		93
67) Hexachlorobenzene	16.74	284	63421	36.35	ng		98
68) Atrazine	16.89	200	65119	38.22	ng		98
69) Pentachlorophenol	17.11	266	17172	26.65	ng		95
70) Phenanthrene	17.48	178	347430	40.04	ng		99
71) Anthracene	17.57	178	352646	40.98	ng		98
72) Carbazole	17.85	167	321045	39.39	ng		98
73) Di-n-butylphthalate	18.38	149	433101	40.64	ng		99
74) Fluoranthene	19.49	202	375812	37.67	ng		97
76) Benzidine	19.67	184	137120	39.98	ng		99
77) Pyrene	19.85	202	368184	45.15	ng		99
79) Butylbenzylphthalate	20.71	149	180790	47.81	ng	#	96
80) Benzo(a)anthracene	21.69	228	301261	40.96	ng		99
81) 3,3'-Dichlorobenzidine	21.61	252	83165	40.28	ng		98
82) Chrysene	21.76	228	289158	40.40	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	259950	46.74	ng		96
84) Di-n-octyl phthalate	22.78	149	437175	47.35	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.72	276	300066	37.37	ng	#	70
87) Benzo(b)fluoranthene	23.93	252	285528	41.47	ng	#	96
88) Benzo(k)fluoranthene	24.00	252	274482	40.50	ng	#	97
89) Benzo(a)pyrene	24.82	252	272283	41.36	ng	#	95
90) Dibenzo(a,h)anthracene	28.77	278	238517	38.47	ng	#	94
91) Benzo(g,h,i)perylene	29.92	276	249987	38.76	ng	#	93

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

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