Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083116\
Data File : BG023927.D
Acq On : 31 Aug 2016 16:48
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Aug 31 18:39:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:36:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	36326	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	184758	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	141221	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	380044	20.00	ng		0.00
75) Chrysene-d12	21.84	240	406883	20.00	ng		0.00
86) Perylene-d12	25.22	264	376608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	178156	82.55	ng		0.00
7) Phenol-d6	7.26	99	269328	80.13	ng		0.00
23) Nitrobenzene-d5	9.27	82	322694	86.83	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	214402	103.80	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	778317	92.96	ng		0.00
78) Terphenyl-d14	20.13	244	1418921	95.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	37346	40.62	ng		93
3) Pyridine	3.92	79	113541	37.58	ng		94
4) n-Nitrosodimethylamine	3.82	42	54030	48.23	ng	#	99
6) Aniline	7.42	93	174881	36.01	ng		93
8) 2-Chlorophenol	7.66	128	100305	40.46	ng		93
9) Benzaldehyde	7.23	77	96030	48.26	ng		93
10) Phenol	7.29	94	143934	40.03	ng		96
11) bis(2-Chloroethyl)ether	7.50	93	102043	35.58	ng		91
12) 1,3-Dichlorobenzene	7.97	146	112264	39.55	ng		95
13) 1,4-Dichlorobenzene	8.13	146	115288	39.68	ng		94
14) 1,2-Dichlorobenzene	8.44	146	111031	38.95	ng		89
15) Benzyl Alcohol	8.34	79	121233	47.60	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	137391	32.57	ng		94
17) 2-Methylphenol	8.56	107	94575	39.23	ng		96
18) Hexachloroethane	9.17	117	46385	42.41	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	113475	39.25	ng		94
20) 3+4-Methylphenols	8.89	107	136735	40.23	ng		97
22) Acetophenone	8.93	105	190747	37.71	ng	#	92
24) Nitrobenzene	9.31	77	172025	41.80	ng		93
25) Isophorone	9.85	82	315835	40.80	ng	#	96
26) 2-Nitrophenol	10.04	139	66513	38.29	ng		99
27) 2,4-Dimethylphenol	10.09	122	121925	41.23	ng		86
28) bis(2-Chloroethoxy)methane	10.32	93	156892	33.72	ng		100
29) 2,4-Dichlorophenol	10.59	162	124341	41.81	ng		91
30) 1,2,4-Trichlorobenzene	10.78	180	128439	40.05	ng		94
31) Naphthalene	10.98	128	362495	38.53	ng		99
32) Benzoic acid	10.28	122	94066	38.49	ng		95
33) 4-Chloroaniline	11.10	127	161838	35.98	ng		98
34) Hexachlorobutadiene	11.25	225	101190	47.98	ng		95
35) Caprolactam	11.92	113	44465	35.54	ng		93
36) 4-Chloro-3-methylphenol	12.23	107	165019	42.24	ng		97
37) 2-Methylnaphthalene	12.58	142	291091	40.70	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	190726	37.24	ng		98
40) Hexachlorocyclopentadiene	12.92	237	93470	36.19	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	128734	42.20	ng		96
43) 2,4,5-Trichlorophenol	13.28	196	133255	42.43	ng		95
45) 1,1'-Biphenyl	13.58	154	453234	41.98	ng		96
46) 2-Chloronaphthalene	13.64	162	328209	39.30	ng		98
47) 2-Nitroaniline	13.86	65	130108	37.52	ng	#	90
48) Acenaphthylene	14.48	152	558119	42.28	ng		97
49) Dimethylphthalate	14.21	163	480782	44.37	ng		99
50) 2,6-Dinitrotoluene	14.34	165	102779	40.05	ng		95
51) Acenaphthene	14.82	154	338028	40.42	ng		97
52) 3-Nitroaniline	14.69	138	101347	35.03	ng	#	89
53) 2,4-Dinitrophenol	14.90	184	68015	41.35	ng		95
54) Dibenzofuran	15.16	168	536497	44.18	ng		98
55) 4-Nitrophenol	15.02	139	73757	32.46	ng		91
56) 2,4-Dinitrotoluene	15.14	165	152311	42.29	ng	#	98
57) Fluorene	15.82	166	459840	43.40	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.40	232	131098	45.49	ng		95
59) Diethylphthalate	15.58	149	517621	47.06	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	256880	45.81	ng		97
61) 4-Nitroaniline	15.86	138	98551	31.99	ng		87
62) Azobenzene	16.09	77	494948	44.39	ng		93
64) 4,6-Dinitro-2-methylphenol	15.91	198	107110	41.45	ng		93
65) n-Nitrosodiphenylamine	16.02	169	433377	38.88	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	188224	42.49	ng		98
67) Hexachlorobenzene	16.83	284	218640	45.12	ng		97
68) Atrazine	16.98	200	191000	44.62	ng		97
69) Pentachlorophenol	17.19	266	122064	43.21	ng		94
70) Phenanthrene	17.57	178	773379	40.10	ng		98
71) Anthracene	17.66	178	795481	41.01	ng		96
72) Carbazole	17.94	167	720810	42.32	ng		96
73) Di-n-butylphthalate	18.48	149	854940	44.09	ng		95
74) Fluoranthene	19.58	202	961365	46.57	ng		95
76) Benzidine	19.77	184	518488	45.84	ng		99
77) Pyrene	19.95	202	993762	39.43	ng		94
79) Butylbenzylphthalate	20.82	149	362761	37.03	ng		93
80) Benzo(a)anthracene	21.82	228	892992	39.76	ng		93
81) 3,3'-Dichlorobenzidine	21.73	252	369069	40.06	ng	#	99
82) Chrysene	21.89	228	842361	39.42	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	487237	36.32	ng		96
84) Di-n-octyl phthalate	22.95	149	808215	35.30	ng		97
85) Indeno(1,2,3-cd)pyrene	29.09	276	907957	34.00	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	842271	39.75	ng		98
88) Benzo(k)fluoranthene	24.21	252	846539	41.59	ng	#	97
89) Benzo(a)pyrene	25.06	252	795328	39.47	ng		97
90) Dibenzo(a,h)anthracene	29.16	278	785963	38.18	ng	#	95
91) Benzo(g,h,i)perylene	30.32	276	752655	36.31	ng		98

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

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