Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092216\
Data File : BG024079.D
Acq On : 22 Sep 2016 22:17
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 23 01:28:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	70453	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	318184	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	211764	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	476135	20.00	ng		0.00
75) Chrysene-d12	21.81	240	479955	20.00	ng		0.00
86) Perylene-d12	25.15	264	445651	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	345709	86.15	ng		0.00
7) Phenol-d6	7.22	99	531177	85.99	ng		0.00
23) Nitrobenzene-d5	9.23	82	655005	91.90	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	261455	68.53	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1201193	81.33	ng		0.00
78) Terphenyl-d14	20.10	244	1641631	77.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	64729	39.11	ng		98
3) Pyridine	3.86	79	215511	43.33	ng		95
4) n-Nitrosodimethylamine	3.77	42	104610	39.90	ng	#	94
6) Aniline	7.37	93	355186	43.32	ng		97
8) 2-Chlorophenol	7.61	128	192422	41.39	ng		96
9) Benzaldehyde	7.18	77	184588	42.06	ng		89
10) Phenol	7.25	94	286534	44.09	ng		94
11) bis(2-Chloroethyl)ether	7.46	93	212158	41.50	ng		91
12) 1,3-Dichlorobenzene	7.93	146	226388	41.61	ng		98
13) 1,4-Dichlorobenzene	8.08	146	228255	39.60	ng		96
14) 1,2-Dichlorobenzene	8.40	146	219747	40.62	ng		95
15) Benzyl Alcohol	8.30	79	245157	45.02	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	286357	41.78	ng		95
17) 2-Methylphenol	8.51	107	185683	42.41	ng		98
18) Hexachloroethane	9.13	117	95164	42.87	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	224616	41.16	ng		98
20) 3+4-Methylphenols	8.84	107	261595	42.87	ng		96
22) Acetophenone	8.88	105	354125	42.99	ng	#	98
24) Nitrobenzene	9.28	77	347258	45.31	ng		93
25) Isophorone	9.79	82	589835	42.68	ng		98
26) 2-Nitrophenol	9.99	139	130569	44.81	ng		94
27) 2,4-Dimethylphenol	10.05	122	204172	41.23	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	308227	44.17	ng		99
29) 2,4-Dichlorophenol	10.54	162	229899	43.82	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	242080	42.07	ng		99
31) Naphthalene	10.93	128	649982	39.64	ng		99
32) Benzoic acid	10.25	122	143980	35.80	ng		94
33) 4-Chloroaniline	11.05	127	277516	40.54	ng		96
34) Hexachlorobutadiene	11.20	225	196157	45.39	ng		96
35) Caprolactam	11.86	113	70838	38.31	ng	#	84
36) 4-Chloro-3-methylphenol	12.19	107	290370	41.42	ng		98
37) 2-Methylnaphthalene	12.54	142	473106	37.93	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	316669	45.05	ng		97
40) Hexachlorocyclopentadiene	12.88	237	60252	20.05	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	202667	43.21	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	197133	41.57	ng		94
45) 1,1'-Biphenyl	13.55	154	698980	41.04	ng		97
46) 2-Chloronaphthalene	13.60	162	515243	41.20	ng		98
47) 2-Nitroaniline	13.82	65	230547	46.81	ng		98
48) Acenaphthylene	14.45	152	818281	39.26	ng		99
49) Dimethylphthalate	14.18	163	694407	38.24	ng		100
50) 2,6-Dinitrotoluene	14.31	165	149415	38.98	ng		98
51) Acenaphthene	14.79	154	500055	38.80	ng		100
52) 3-Nitroaniline	14.65	138	143690	40.07	ng	#	95
53) 2,4-Dinitrophenol	14.87	184	52855	23.84	ng		94
54) Dibenzofuran	15.13	168	763973	37.98	ng		98
55) 4-Nitrophenol	14.99	139	96348	33.77	ng	#	86
56) 2,4-Dinitrotoluene	15.10	165	211473	37.53	ng		91
57) Fluorene	15.78	166	636775	36.51	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	181709	37.75	ng		94
59) Diethylphthalate	15.53	149	697153	35.96	ng		99
60) 4-Chlorophenyl-phenylether	15.76	204	347665	37.03	ng		95
61) 4-Nitroaniline	15.83	138	139878	38.59	ng		96
62) Azobenzene	16.06	77	723652	38.54	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	99008	29.95	ng		91
65) n-Nitrosodiphenylamine	15.99	169	568990	42.07	ng		95
66) 4-Bromophenyl-phenylether	16.67	248	240875	41.58	ng		95
67) Hexachlorobenzene	16.79	284	267565	39.38	ng		94
68) Atrazine	16.94	200	243496	41.85	ng		98
69) Pentachlorophenol	17.15	266	124044	34.38	ng		97
70) Phenanthrene	17.54	178	970585	39.18	ng		98
71) Anthracene	17.62	178	990035	39.18	ng		98
72) Carbazole	17.91	167	888324	38.75	ng		98
73) Di-n-butylphthalate	18.43	149	1097769	40.13	ng		97
74) Fluoranthene	19.55	202	1124049	37.69	ng		97
76) Benzidine	19.73	184	545777	36.72	ng		98
77) Pyrene	19.92	202	1146758	38.85	ng		95
79) Butylbenzylphthalate	20.78	149	490735	43.12	ng		98
80) Benzo(a)anthracene	21.78	228	1095334	40.77	ng		93
81) 3,3'-Dichlorobenzidine	21.70	252	455813	42.44	ng	#	94
82) Chrysene	21.85	228	1049702	41.05	ng		99
83) Bis(2-ethylhexyl)phthalate	21.65	149	666916	42.81	ng		95
84) Di-n-octyl phthalate	22.90	149	1148282	44.94	ng		100
85) Indeno(1,2,3-cd)pyrene	28.99	276	861438	30.42	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	992567	39.21	ng		98
88) Benzo(k)fluoranthene	24.15	252	1139565	45.40	ng	#	96
89) Benzo(a)pyrene	25.00	252	1003265	41.73	ng	#	98
90) Dibenzo(a,h)anthracene	29.04	278	759789	32.14	ng	#	97
91) Benzo(g,h,i)perylene	30.20	276	578867	25.46	ng	#	98

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

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