Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123016\
Data File : BG025413.D
Acq On : 30 Dec 2016 14:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 30 22:05:49 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	61438	20.00	ng		-0.01
21) Naphthalene-d8	11.03	136	252146	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	206967	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	489652	20.00	ng		0.00
75) Chrysene-d12	21.87	240	685459	20.00	ng		0.00
86) Perylene-d12	25.28	264	739348	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	260041	76.93	ng		0.00
7) Phenol-d6	7.37	99	386736	81.24	ng		0.00
23) Nitrobenzene-d5	9.39	82	459416	80.49	ng		-0.01
41) 2,4,6-Tribromophenol	16.33	330	259210	77.79	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1022129	79.96	ng		0.00
78) Terphenyl-d14	20.16	244	1903858	73.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	55747	38.66	ng		94
3) Pyridine	4.00	79	167325	40.02	ng		97
4) n-Nitrosodimethylamine	3.92	42	99497	40.10	ng	#	94
6) Aniline	7.53	93	249482	38.68	ng		97
8) 2-Chlorophenol	7.77	128	146793	38.50	ng		96
9) Benzaldehyde	7.35	77	123638	35.50	ng		98
10) Phenol	7.39	94	209292	39.66	ng		97
11) bis(2-Chloroethyl)ether	7.61	93	154335	37.95	ng		94
12) 1,3-Dichlorobenzene	8.09	146	181894	39.42	ng		97
13) 1,4-Dichlorobenzene	8.24	146	182143	38.09	ng		97
14) 1,2-Dichlorobenzene	8.57	146	168381	36.90	ng		97
15) Benzyl Alcohol	8.45	79	188991	41.59	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.72	45	302535	40.18	ng		96
17) 2-Methylphenol	8.65	107	140378	40.51	ng		93
18) Hexachloroethane	9.29	117	74959	40.82	ng		92
19) n-Nitroso-di-n-propylamine	9.01	70	155148	38.59	ng		91
20) 3+4-Methylphenols	8.98	107	195699	40.80	ng		91
22) Acetophenone	9.04	105	273412	39.03	ng	#	98
24) Nitrobenzene	9.43	77	253726	40.53	ng		97
25) Isophorone	9.95	82	420280	40.67	ng		99
26) 2-Nitrophenol	10.15	139	94633	39.52	ng		95
27) 2,4-Dimethylphenol	10.19	122	163681	41.58	ng		93
28) bis(2-Chloroethoxy)methane	10.42	93	207655	38.69	ng		100
29) 2,4-Dichlorophenol	10.69	162	173967	41.30	ng		95
30) 1,2,4-Trichlorobenzene	10.89	180	196516	38.62	ng		96
31) Naphthalene	11.09	128	501647	39.84	ng		99
32) Benzoic acid	10.35	122	117975	37.27	ng	#	88
33) 4-Chloroaniline	11.20	127	220569	41.65	ng		99
34) Hexachlorobutadiene	11.34	225	161575	38.90	ng		97
35) Caprolactam	11.98	113	62697	39.61	ng		96
36) 4-Chloro-3-methylphenol	12.31	107	199914	38.45	ng		99
37) 2-Methylnaphthalene	12.67	142	375984	40.29	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	275530	40.32	ng		96
40) Hexachlorocyclopentadiene	13.00	237	92583	41.66	ng		100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	164708	38.28	ng		96
43) 2,4,5-Trichlorophenol	13.37	196	167791	37.26	ng		95
45) 1,1'-Biphenyl	13.67	154	550146	39.52	ng		96
46) 2-Chloronaphthalene	13.72	162	426833	39.25	ng		99
47) 2-Nitroaniline	13.94	65	190061	41.40	ng		94
48) Acenaphthylene	14.56	152	661630	39.25	ng		98
49) Dimethylphthalate	14.28	163	597779	39.62	ng		97
50) 2,6-Dinitrotoluene	14.42	165	128103	38.86	ng		94
51) Acenaphthene	14.90	154	426317	38.67	ng		97
52) 3-Nitroaniline	14.76	138	124359	39.24	ng		91
53) 2,4-Dinitrophenol	14.98	184	73311	36.84	ng		93
54) Dibenzofuran	15.23	168	697776	40.03	ng		99
55) 4-Nitrophenol	15.08	139	94471	39.92	ng		89
56) 2,4-Dinitrotoluene	15.21	165	191334	39.87	ng	#	92
57) Fluorene	15.88	166	577192	39.55	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.46	232	180913	37.50	ng	#	93
59) Diethylphthalate	15.62	149	617588	39.03	ng		98
60) 4-Chlorophenyl-phenylether	15.86	204	323507	39.12	ng		96
61) 4-Nitroaniline	15.92	138	135204	42.40	ng	#	77
62) Azobenzene	16.15	77	620225	40.65	ng		97
64) 4,6-Dinitro-2-methylphenol	15.97	198	134479	39.66	ng		85
65) n-Nitrosodiphenylamine	16.07	169	508090	38.39	ng		96
66) 4-Bromophenyl-phenylether	16.75	248	233395	38.64	ng		94
67) Hexachlorobenzene	16.88	284	268456	38.73	ng	#	88
68) Atrazine	17.01	200	199700	34.44	ng		96
69) Pentachlorophenol	17.23	266	124340	34.60	ng		92
70) Phenanthrene	17.62	178	965587	38.27	ng		95
71) Anthracene	17.71	178	1005406	39.21	ng		98
72) Carbazole	17.99	167	878437	38.30	ng		96
73) Di-n-butylphthalate	18.50	149	1074216	38.07	ng		96
74) Fluoranthene	19.62	202	1298210	38.95	ng		92
76) Benzidine	19.80	184	579119	33.87	ng		95
77) Pyrene	19.98	202	1338655	37.37	ng		96
79) Butylbenzylphthalate	20.83	149	537432	37.36	ng		100
80) Benzo(a)anthracene	21.86	228	1467726	38.39	ng		95
81) 3,3'-Dichlorobenzidine	21.76	252	569000	38.32	ng		98
82) Chrysene	21.93	228	1391028	37.94	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	760493	37.99	ng		98
84) Di-n-octyl phthalate	22.95	149	1306834	39.32	ng		95
85) Indeno(1,2,3-cd)pyrene	29.22	276	1857534	39.85	ng	#	98
87) Benzo(b)fluoranthene	24.19	252	1535003	38.05	ng	#	97
88) Benzo(k)fluoranthene	24.26	252	1497962	38.45	ng	#	96
89) Benzo(a)pyrene	25.13	252	1494222	38.35	ng		97
90) Dibenzo(a,h)anthracene	29.27	278	1571721	38.06	ng		98
91) Benzo(g,h,i)perylene	30.46	276	1562549	38.08	ng	#	96

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

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