Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
Data File : BG025360.D
Acq On : 21 Dec 2016 16:40
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
12/22/2016 7:03:12 PM

Quant Time: Dec 21 17:36:14 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 17:23:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	61572	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	239680	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	192117	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	461425	20.00	ng		0.00
75) Chrysene-d12	21.88	240	599314	20.00	ng		0.00
86) Perylene-d12	25.29	264	625732	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	375521	99.96	ng		0.00
7) Phenol-d6	7.37	99	539222	104.64	ng		0.00
23) Nitrobenzene-d5	9.40	82	656729	124.75	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	364080	126.85	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	1364778	118.07	ng		0.00
78) Terphenyl-d14	20.17	244	2500124	124.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	80929	52.73	ng		92
3) Pyridine	4.01	79	237102	51.60	ng		94
4) n-Nitrosodimethylamine	3.93	42	135210	56.84	ng	#	95
6) Aniline	7.54	93	368787	56.49	ng		97
8) 2-Chlorophenol	7.78	128	216669	56.73	ng		94
9) Benzaldehyde	7.35	77	161966	50.86	ng		92
10) Phenol	7.40	94	291645	54.90	ng		99
11) bis(2-Chloroethyl)ether	7.63	93	220167	55.17	ng		90
12) 1,3-Dichlorobenzene	8.10	146	260344	55.06	ng		98
13) 1,4-Dichlorobenzene	8.25	146	264496	56.63	ng		99
14) 1,2-Dichlorobenzene	8.57	146	244449	54.44	ng		97
15) Benzyl Alcohol	8.46	79	267612	55.83	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.73	45	411839	55.62	ng		99
17) 2-Methylphenol	8.66	107	196645	55.87	ng		97
18) Hexachloroethane	9.30	117	103762	57.79	ng		98
19) n-Nitroso-di-n-propylamine	9.02	70	220568	58.08	ng		96
20) 3+4-Methylphenols	9.00	107	276402	58.49	ng		96
22) Acetophenone	9.05	105	377860	61.37	ng	#	100
24) Nitrobenzene	9.44	77	346860	59.23	ng		97
25) Isophorone	9.96	82	587297	59.98	ng		98
26) 2-Nitrophenol	10.15	139	139562	64.20	ng		98
27) 2,4-Dimethylphenol	10.20	122	213307	56.05	ng		95
28) bis(2-Chloroethoxy)methane	10.43	93	292649	57.76	ng		96
29) 2,4-Dichlorophenol	10.69	162	242707	60.77	ng		95
30) 1,2,4-Trichlorobenzene	10.90	180	287246	60.63	ng		92
31) Naphthalene	11.09	128	691328	57.83	ng		99
32) Benzoic acid	10.37	122	182074	57.45	ng		95
33) 4-Chloroaniline	11.21	127	311890	60.08	ng		96
34) Hexachlorobutadiene	11.35	225	228630	61.66	ng		94
35) Caprolactam	12.00	113	89196	61.00	ng		96
36) 4-Chloro-3-methylphenol	12.32	107	284889	59.08	ng		93
37) 2-Methylnaphthalene	12.69	142	528467	60.58	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	386098	59.59	ng		96
40) Hexachlorocyclopentadiene	13.00	237	136872	37.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	234017	60.08	ng		93
43) 2,4,5-Trichlorophenol	13.37	196	245254	58.24	ng		95
45) 1,1'-Biphenyl	13.67	154	752563	56.45	ng		98
46) 2-Chloronaphthalene	13.73	162	583671	57.50	ng		96
47) 2-Nitroaniline	13.94	65	266752	64.18	ng		98
48) Acenaphthylene	14.57	152	908247	58.34	ng		98
49) Dimethylphthalate	14.28	163	814427	59.71	ng		97
50) 2,6-Dinitrotoluene	14.42	165	181644	62.39	ng		99
51) Acenaphthene	14.91	154	592601	51.06	ng		99
52) 3-Nitroaniline	14.77	138	173943	57.73	ng		93
53) 2,4-Dinitrophenol	14.98	184	118377	56.10	ng		90
54) Dibenzofuran	15.24	168	939195	58.54	ng		99
55) 4-Nitrophenol	15.08	139	137163	52.25	ng		100
56) 2,4-Dinitrotoluene	15.22	165	269835	63.77	ng	#	92
57) Fluorene	15.88	166	788367	59.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.46	232	260708	59.72	ng		94
59) Diethylphthalate	15.63	149	836401	58.49	ng		99
60) 4-Chlorophenyl-phenylether	15.86	204	443475	59.40	ng		99
61) 4-Nitroaniline	15.93	138	179425	54.51	ng		86
62) Azobenzene	16.16	77	821625	57.61	ng		97
64) 4,6-Dinitro-2-methylphenol	15.98	198	200650	63.12	ng		90
65) n-Nitrosodiphenylamine	16.08	169	708219	56.14	ng		99
66) 4-Bromophenyl-phenylether	16.76	248	321684	57.43	ng		95
67) Hexachlorobenzene	16.89	284	374524	60.51	ng	#	88
68) Atrazine	17.02	200	283333	52.36	ng		98
69) Pentachlorophenol	17.24	266	199124	48.75	ng		98
70) Phenanthrene	17.63	178	1336378	56.82	ng		97
71) Anthracene	17.72	178	1355888	57.14	ng		98
72) Carbazole	18.00	167	1209446	55.89	ng		98
73) Di-n-butylphthalate	18.51	149	1471025	58.96	ng		98
74) Fluoranthene	19.62	202	1756488	59.08	ng		95
76) Benzidine	19.80	184	789779	55.93	ng		100
77) Pyrene	19.99	202	1791617	61.15	ng		99
79) Butylbenzylphthalate	20.83	149	723624	59.24	ng		97
80) Benzo(a)anthracene	21.86	228	1900682	57.73	ng		99
81) 3,3'-Dichlorobenzidine	21.76	252	741847	55.85	ng		98
82) Chrysene	21.93	228	1817154	57.95	ng		98
83) Bis(2-ethylhexyl)phthalate	21.70	149	1004345	57.48	ng		97
84) Di-n-octyl phthalate	22.96	149	1683003	58.04	ng		95
85) Indeno(1,2,3-cd)pyrene	29.24	276	2380420	55.00	ng		99
87) Benzo(b)fluoranthene	24.20	252	1967406	58.17	ng	#	99
88) Benzo(k)fluoranthene	24.27	252	1916111m	58.66	ng		
89) Benzo(a)pyrene	25.13	252	1893517	57.29	ng	#	97
90) Dibenzo(a,h)anthracene	29.28	278	2044799	56.37	ng	#	97
91) Benzo(g,h,i)perylene	30.48	276	2002324	55.25	ng		99

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

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