Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
Data File : BG024493.D
Acq On : 25 Oct 2016 12:27
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
sohil
10/26/2016 4:50:01 PM

Quant Time: Oct 25 17:17:18 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 15:14:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	107675	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	403593	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	296458	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	681029	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1040972	20.00	ng		0.00
86) Perylene-d12	25.36	264	1080416	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	35127	5.63	ng		0.00
7) Phenol-d6	7.40	99	43087	4.74	ng		0.00
23) Nitrobenzene-d5	9.44	82	46334	5.56	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	19890	5.39	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	102282	6.46	ng		0.00
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	5425	2.30	ng	#	67
3) Pyridine	4.09	79	18748	2.72	ng	#	72
4) n-Nitrosodimethylamine	4.00	42	10962	2.51	ng	#	91
6) Aniline	7.59	93	29396	2.31	ng	#	77
8) 2-Chlorophenol	7.82	128	15977	2.31	ng		87
9) Benzaldehyde	7.41	77	16915	3.38	ng		95
10) Phenol	7.43	94	23576	2.34	ng		87
11) bis(2-Chloroethyl)ether	7.68	93	16628	2.22	ng		87
12) 1,3-Dichlorobenzene	8.16	146	21471	2.73	ng	#	79
13) 1,4-Dichlorobenzene	8.31	146	20056	2.51	ng		91
14) 1,2-Dichlorobenzene	8.63	146	20130	2.60	ng	#	81
15) Benzyl Alcohol	8.51	79	21047	2.51	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.78	45	33069	2.10	ng		92
17) 2-Methylphenol	8.70	107	14977	2.35	ng	#	81
18) Hexachloroethane	9.37	117	7225	2.33	ng	#	73
19) n-Nitroso-di-n-propylamine	9.07	70	15854	2.10	ng	#	63
20) 3+4-Methylphenols	9.02	107	18641	2.04	ng		97
22) Acetophenone	9.09	105	26500	2.70	ng	#	96
24) Nitrobenzene	9.49	77	25764	2.78	ng		94
25) Isophorone	10.01	82	43049	2.57	ng	#	90
26) 2-Nitrophenol	10.21	139	9089	2.67	ng	#	71
27) 2,4-Dimethylphenol	10.24	122	15582	2.27	ng	#	86
28) bis(2-Chloroethoxy)methane	10.48	93	22659	2.53	ng		99
29) 2,4-Dichlorophenol	10.73	162	16896	2.56	ng		93
30) 1,2,4-Trichlorobenzene	10.96	180	21683	3.02	ng		89
31) Naphthalene	11.15	128	56197	2.97	ng		94
33) 4-Chloroaniline	11.26	127	22715	2.59	ng		92
34) Hexachlorobutadiene	11.41	225	17946	3.34	ng	#	77
35) Caprolactam	11.99	113	6332m	2.75	ng		
36) 4-Chloro-3-methylphenol	12.33	107	21343	2.51	ng	#	78
37) 2-Methylnaphthalene	12.73	142	38341	2.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	28541	3.38	ng		94
40) Hexachlorocyclopentadiene	13.06	237	13644	2.36	ng		97
42) 2,4,6-Trichlorophenol	13.33	196	14793	2.60	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.39	196	17300m	2.94	ng		
45) 1,1'-Biphenyl	13.72	154	56834	2.96	ng		90
46) 2-Chloronaphthalene	13.77	162	43192	2.94	ng		92
47) 2-Nitroaniline	13.97	65	13890	2.42	ng	#	67
48) Acenaphthylene	14.62	152	64778	2.84	ng		98
49) Dimethylphthalate	14.32	163	55448	2.80	ng		97
50) 2,6-Dinitrotoluene	14.45	165	10701	2.53	ng	#	75
51) Acenaphthene	14.95	154	50658	3.13	ng	#	88
52) 3-Nitroaniline	14.78	138	12152	2.97	ng	#	80
53) 2,4-Dinitrophenol	14.99	184	6778	2.67	ng	#	81
54) Dibenzofuran	15.28	168	68277	3.12	ng		89
55) 4-Nitrophenol	15.07	139	9081	2.42	ng		92
56) 2,4-Dinitrotoluene	15.23	165	14038	2.39	ng	#	68
57) Fluorene	15.93	166	54740	2.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	16408	2.98	ng	#	59
59) Diethylphthalate	15.68	149	60262	2.92	ng	#	92
60) 4-Chlorophenyl-phenylether	15.92	204	31183	2.91	ng		91
61) 4-Nitroaniline	15.94	138	10934	2.50	ng	#	75
62) Azobenzene	16.20	77	58026	2.83	ng		92
64) 4,6-Dinitro-2-methylphenol	15.99	198	9065	2.21	ng	#	65
65) n-Nitrosodiphenylamine	16.13	169	50867	2.68	ng	#	91
66) 4-Bromophenyl-phenylether	16.82	248	22258	2.89	ng	#	76
67) Hexachlorobenzene	16.93	284	22781	2.57	ng	#	87
68) Atrazine	17.06	200	22163	3.40	ng		90
69) Pentachlorophenol	17.26	266	11935	2.18	ng	#	83
70) Phenanthrene	17.67	178	97102	3.08	ng	#	90
71) Anthracene	17.76	178	98187	3.04	ng	#	91
72) Carbazole	18.03	167	88372	3.04	ng		97
73) Di-n-butylphthalate	18.55	149	99781	3.07	ng	#	90
76) Benzidine	19.84	184	68632	2.81	ng	#	93
77) Pyrene	20.02	202	137451	2.58	ng	#	89
79) Butylbenzylphthalate	20.89	149	53512	2.34	ng		96
80) Benzo(a)anthracene	21.90	228	166274	3.05	ng		91
81) 3,3'-Dichlorobenzidine	21.81	252	66725	3.01	ng	#	74
82) Chrysene	21.97	228	152259	2.93	ng		96
83) Bis(2-ethylhexyl)phthalate	21.77	149	80031	2.52	ng	#	90
84) Di-n-octyl phthalate	23.05	149	127322	2.38	ng		99
85) Indeno(1,2,3-cd)pyrene	29.28	276	224646m	3.50	ng		
87) Benzo(b)fluoranthene	24.25	252	155586	2.74	ng		93
88) Benzo(k)fluoranthene	24.32	252	160082	2.84	ng		95
89) Benzo(a)pyrene	25.19	252	156067	2.85	ng		93
90) Dibenzo(a,h)anthracene	29.37	278	196555	3.53	ng	#	95
91) Benzo(g,h,i)perylene	30.53	276	202366	3.70	ng		93

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

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