Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083116\
Data File : BG023924.D
Acq On : 31 Aug 2016 12:05
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
sohil
9/2/2016 7:25:21 AM

Quant Time: Aug 31 20:03:20 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	8.08	152	49292	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	245146	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	186920	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	501901	20.00	ng		0.00
75) Chrysene-d12	21.84	240	502115	20.00	ng		0.00
86) Perylene-d12	25.22	264	484107	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	13164	4.50	ng		0.02
7) Phenol-d6	7.28	99	18750	4.11	ng		0.02
23) Nitrobenzene-d5	9.29	82	25053	5.08	ng		0.02
41) 2,4,6-Tribromophenol	16.27	330	14266	5.22	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	67907	6.13	ng		0.00
78) Terphenyl-d14	20.13	244	117609	6.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	3600	2.89	ng		94
4) n-Nitrosodimethylamine	3.85	42	4335m	2.85	ng		
6) Aniline	7.43	93	14038	2.13	ng	#	78
8) 2-Chlorophenol	7.66	128	7774	2.31	ng		98
9) Benzaldehyde	7.26	77	7867	2.91	ng	#	83
10) Phenol	7.31	94	10433	2.14	ng		84
11) bis(2-Chloroethyl)ether	7.51	93	10607	2.73	ng		90
12) 1,3-Dichlorobenzene	7.98	146	10168	2.64	ng		95
13) 1,4-Dichlorobenzene	8.12	146	11533	2.92	ng	#	86
14) 1,2-Dichlorobenzene	8.45	146	10588	2.74	ng		91
15) Benzyl Alcohol	8.38	79	7378	2.13	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.61	45	14474	2.53	ng		82
17) 2-Methylphenol	8.57	107	7597	2.32	ng	#	64
18) Hexachloroethane	9.18	117	4494	3.03	ng	#	72
19) n-Nitroso-di-n-propylamine	8.91	70	9703	2.47	ng		98
20) 3+4-Methylphenols	8.91	107	8444m	1.83	ng		
22) Acetophenone	8.94	105	14784	2.20	ng	#	86
24) Nitrobenzene	9.32	77	13531	2.48	ng	#	83
25) Isophorone	9.86	82	26406	2.57	ng		97
26) 2-Nitrophenol	10.06	139	4785m	2.08	ng		
27) 2,4-Dimethylphenol	10.12	122	6760	1.72	ng		84
28) bis(2-Chloroethoxy)methane	10.33	93	13326	2.16	ng	#	88
29) 2,4-Dichlorophenol	10.63	162	8554	2.17	ng	#	66
30) 1,2,4-Trichlorobenzene	10.78	180	10849	2.55	ng		97
31) Naphthalene	10.97	128	33561	2.69	ng		97
33) 4-Chloroaniline	11.14	127	11493	1.93	ng	#	80
34) Hexachlorobutadiene	11.24	225	7067	2.53	ng	#	89
35) Caprolactam	11.96	113	2825m	1.70	ng		
36) 4-Chloro-3-methylphenol	12.26	107	11556	2.23	ng		96
37) 2-Methylnaphthalene	12.58	142	23392m	2.46	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	13507	1.99	ng	#	93
42) 2,4,6-Trichlorophenol	13.22	196	8165	2.02	ng		97
43) 2,4,5-Trichlorophenol	13.32	196	8737	2.10	ng	#	87
45) 1,1'-Biphenyl	13.59	154	38160	2.67	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.65	162	27929	2.53	ng		97
47) 2-Nitroaniline	13.88	65	7448	1.62	ng		86
48) Acenaphthylene	14.49	152	45739	2.62	ng		98
49) Dimethylphthalate	14.22	163	41504	2.89	ng		96
50) 2,6-Dinitrotoluene	14.34	165	8677	2.55	ng	#	85
51) Acenaphthene	14.82	154	29537	2.67	ng		94
52) 3-Nitroaniline	14.72	138	5570	1.45	ng	#	96
54) Dibenzofuran	15.16	168	46431	2.89	ng	#	95
56) 2,4-Dinitrotoluene	15.15	165	10344	2.17	ng	#	65
57) Fluorene	15.82	166	41358	2.95	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.41	232	8862	2.32	ng	#	88
59) Diethylphthalate	15.57	149	43557	2.99	ng	#	88
60) 4-Chlorophenyl-phenylether	15.80	204	19682	2.65	ng		93
61) 4-Nitroaniline	15.90	138	6137	1.51	ng	#	59
62) Azobenzene	16.10	77	42435	2.88	ng		88
65) n-Nitrosodiphenylamine	16.03	169	35308	2.40	ng		93
66) 4-Bromophenyl-phenylether	16.70	248	14550	2.49	ng		93
67) Hexachlorobenzene	16.82	284	16592	2.59	ng		98
68) Atrazine	16.98	200	14220	2.52	ng		99
69) Pentachlorophenol	17.19	266	7354	1.97	ng	#	58
70) Phenanthrene	17.56	178	69396	2.72	ng	#	95
71) Anthracene	17.66	178	69450	2.71	ng	#	91
72) Carbazole	17.95	167	64904	2.89	ng	#	90
73) Di-n-butylphthalate	18.48	149	76300	2.98	ng	#	94
74) Fluoranthene	19.59	202	85187	3.12	ng		91
76) Benzidine	19.79	184	31879	2.28	ng	#	94
77) Pyrene	19.95	202	83665	2.69	ng		92
79) Butylbenzylphthalate	20.82	149	32832	2.72	ng	#	97
80) Benzo(a)anthracene	21.82	228	74497	2.69	ng		96
81) 3,3'-Dichlorobenzidine	21.74	252	27595	2.43	ng	#	96
82) Chrysene	21.89	228	71691	2.72	ng		93
83) Bis(2-ethylhexyl)phthalate	21.69	149	48455	2.93	ng	#	93
84) Di-n-octyl phthalate	22.95	149	78183	2.77	ng	#	96
85) Indeno(1,2,3-cd)pyrene	29.10	276	78697	2.39	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	70642	2.59	ng	#	90
88) Benzo(k)fluoranthene	24.21	252	69148	2.64	ng	#	91
89) Benzo(a)pyrene	25.06	252	69304	2.68	ng	#	95
90) Dibenzo(a,h)anthracene	29.19	278	63659	2.41	ng	#	98
91) Benzo(g,h,i)perylene	30.35	276	62666m	2.35	ng		

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

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