Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019098.D
Acq On : 10 Oct 2015 2:54
Operator : UM/NP
Sample : SSTDICC025
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
MMdadoda
10/12/2015 7:00:41 PM

Quant Time: Oct 10 06:30:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 10 06:16:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20600	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	95485	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	65726	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	165498	20.00	ng		0.00
75) Chrysene-d12	21.68	240	200639	20.00	ng		0.00
86) Perylene-d12	24.91	264	192258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	50088	42.74	ng		0.00
7) Phenol-d6	7.20	99	77827	45.91	ng		0.00
23) Nitrobenzene-d5	9.20	82	83423	48.27	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	43249	48.39	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	213561	45.34	ng		0.00
78) Terphenyl-d14	20.02	244	364893	47.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	10629	21.60	ng		97
3) Pyridine	3.91	79	31802	20.89	ng		99
4) n-Nitrosodimethylamine	3.83	42	18279	32.11	ng		91
6) Aniline	7.36	93	52531	22.55	ng		99
8) 2-Chlorophenol	7.60	128	31842	23.28	ng		94
9) Benzaldehyde	7.17	77	26081	28.08	ng		99
10) Phenol	7.22	94	40150	22.42	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	29893	21.66	ng		97
12) 1,3-Dichlorobenzene	7.93	146	34613	21.86	ng		95
13) 1,4-Dichlorobenzene	8.07	146	35652	22.50	ng		98
14) 1,2-Dichlorobenzene	8.39	146	34523	22.79	ng		97
15) Benzyl Alcohol	8.27	79	34018	26.95	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	63580	36.32	ng		97
17) 2-Methylphenol	8.47	107	28598	22.82	ng		99
18) Hexachloroethane	9.12	117	13193	23.04	ng		95
19) n-Nitroso-di-n-propylamine	8.84	70	30401	24.92	ng	#	96
20) 3+4-Methylphenols	8.80	107	40585	22.98	ng		94
22) Acetophenone	8.85	105	53671	22.30	ng	#	97
24) Nitrobenzene	9.24	77	43626	23.86	ng		94
25) Isophorone	9.76	82	85964	23.32	ng		98
26) 2-Nitrophenol	9.95	139	19210	22.91	ng		88
27) 2,4-Dimethylphenol	10.01	122	33217	21.78	ng		100
28) bis(2-Chloroethoxy)methane	10.24	93	45182	21.63	ng		96
29) 2,4-Dichlorophenol	10.48	162	34556	22.42	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	37253	21.87	ng		92
31) Naphthalene	10.89	128	111172	21.90	ng		98
32) Benzoic acid	10.12	122	17060m	15.72	ng		
33) 4-Chloroaniline	10.99	127	50657	21.94	ng		98
34) Hexachlorobutadiene	11.18	225	25051	24.30	ng		92
35) Caprolactam	11.75	113	12856	19.71	ng	#	86
36) 4-Chloro-3-methylphenol	12.12	107	44172	25.08	ng		97
37) 2-Methylnaphthalene	12.49	142	86520	23.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	45911	22.06	ng		99
40) Hexachlorocyclopentadiene	12.84	237	23607	22.46	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	32246	22.38	ng	94
43) 2,4,5-Trichlorophenol	13.17	196	34534	21.85	ng	95
45) 1,1'-Biphenyl	13.50	154	116915	22.47	ng	100
46) 2-Chloronaphthalene	13.54	162	90228	22.43	ng	99
47) 2-Nitroaniline	13.74	65	36374	28.95	ng	95
48) Acenaphthylene	14.38	152	158734	22.39	ng	99
49) Dimethylphthalate	14.11	163	126614	23.24	ng	98
50) 2,6-Dinitrotoluene	14.23	165	27475	23.25	ng	97
51) Acenaphthene	14.72	154	99198	23.96	ng	99
52) 3-Nitroaniline	14.56	138	30194	21.68	ng	92
53) 2,4-Dinitrophenol	14.77	184	11968	23.55	ng	91
54) Dibenzofuran	15.06	168	139707	21.85	ng	98
55) 4-Nitrophenol	14.87	139	23316	21.75	ng	99
56) 2,4-Dinitrotoluene	15.02	165	40168	23.99	ng	94
57) Fluorene	15.71	166	122246	22.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	32512	21.88	ng	99
59) Diethylphthalate	15.48	149	130848	23.01	ng	97
60) 4-Chlorophenyl-phenylether	15.70	204	60906	22.88	ng	100
61) 4-Nitroaniline	15.72	138	32202	21.41	ng	94
62) Azobenzene	15.99	77	121456	24.04	ng	98
64) 4,6-Dinitro-2-methylphenol	15.78	198	21315	25.12	ng	94
65) n-Nitrosodiphenylamine	15.91	169	112394	23.47	ng	98
66) 4-Bromophenyl-phenylether	16.60	248	40571	23.97	ng	96
67) Hexachlorobenzene	16.72	284	48357	26.00	ng	95
68) Atrazine	16.86	200	46406	24.30	ng	98
69) Pentachlorophenol	17.06	266	25841	23.02	ng	95
70) Phenanthrene	17.45	178	206161	23.69	ng	99
71) Anthracene	17.54	178	209133	23.73	ng	99
72) Carbazole	17.81	167	194861	23.06	ng	96
73) Di-n-butylphthalate	18.37	149	238861	23.87	ng	99
74) Fluoranthene	19.46	202	266038	24.61	ng	99
76) Benzidine	19.64	184	125044	21.05	ng	99
77) Pyrene	19.82	202	270391	22.07	ng	99
79) Butylbenzylphthalate	20.71	149	111157	22.38	ng	97
80) Benzo(a)anthracene	21.66	228	259702	22.59	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	95928	22.08	ng	96
82) Chrysene	21.73	228	244887	22.64	ng	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	152355	21.38	ng	98
84) Di-n-octyl phthalate	22.79	149	265116	21.96	ng	99
85) Indeno(1,2,3-cd)pyrene	28.58	276	287509	21.06	ng	99
87) Benzo(b)fluoranthene	23.88	252	255347	23.10	ng	100
88) Benzo(k)fluoranthene	23.95	252	246534	22.17	ng	97
89) Benzo(a)pyrene	24.75	252	234520	22.28	ng	98
90) Dibenzo(a,h)anthracene	28.66	278	249776	23.85	ng	99
91) Benzo(g,h,i)perylene	29.74	276	227385	21.57	ng	98

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

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