Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG-FEB-2016\BG022616\
Data File : BG021081.D
Acq On : 26 Feb 2016 16:30
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG022616

Manual Integrations APPROVED
Sohil
2/29/2016 10:21:37 AM

Quant Time: Feb 26 17:14:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	6543	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	29578	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	18888	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	45511	20.00	ng		0.00
75) Chrysene-d12	21.79	240	54307	20.00	ng		0.00
86) Perylene-d12	25.07	264	49468	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	30721	82.20	ng		0.00
7) Phenol-d6	7.32	99	45205	81.28	ng		0.00
23) Nitrobenzene-d5	9.34	82	51819	83.47	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	19567	79.01	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	116616	79.01	ng		0.00
78) Terphenyl-d14	20.11	244	194808	83.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	6675	38.57	ng		96
3) Pyridine	4.03	79	21102	41.69	ng		95
4) n-Nitrosodimethylamine	3.94	42	10187	39.70	ng		86
6) Aniline	7.50	93	29636	43.08	ng		95
8) 2-Chlorophenol	7.74	128	19070	40.91	ng		96
9) Benzaldehyde	7.31	77	13625	45.23	ng		95
10) Phenol	7.35	94	24063	42.24	ng		75
11) bis(2-Chloroethyl)ether	7.59	93	17217	39.43	ng		95
12) 1,3-Dichlorobenzene	8.06	146	20418	41.16	ng	#	93
13) 1,4-Dichlorobenzene	8.21	146	20668	39.00	ng		97
14) 1,2-Dichlorobenzene	8.53	146	19734	39.33	ng		95
15) Benzyl Alcohol	8.41	79	21652	44.57	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.71	45	19609	39.16	ng		86
17) 2-Methylphenol	8.61	107	16992	42.25	ng	#	88
18) Hexachloroethane	9.26	117	8058	40.19	ng		92
19) n-Nitroso-di-n-propylamine	8.98	70	18216	42.46	ng	#	90
20) 3+4-Methylphenols	8.93	107	23308	41.80	ng		94
22) Acetophenone	9.00	105	33171	40.63	ng	#	96
24) Nitrobenzene	9.39	77	26122	40.73	ng		92
25) Isophorone	9.91	82	48077	41.32	ng	#	97
26) 2-Nitrophenol	10.10	139	11492	42.38	ng	#	73
27) 2,4-Dimethylphenol	10.14	122	19511	40.80	ng		93
28) bis(2-Chloroethoxy)methane	10.39	93	24611	43.40	ng		97
29) 2,4-Dichlorophenol	10.62	162	19568	41.80	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	20717	39.04	ng		98
31) Naphthalene	11.04	128	61505	40.48	ng		100
32) Benzoic acid	10.27	122	15305	34.85	ng		91
33) 4-Chloroaniline	11.14	127	27197	42.86	ng	#	92
34) Hexachlorobutadiene	11.32	225	15034	42.34	ng		92
35) Caprolactam	11.92	113	6583	41.61	ng	#	86
36) 4-Chloro-3-methylphenol	12.24	107	23201	40.42	ng		93
37) 2-Methylnaphthalene	12.62	142	45943	43.06	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	27843	39.89	ng		99
40) Hexachlorocyclopentadiene	12.96	237	19771	43.08	ng		97

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	18275	41.75	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	19183m	42.66	ng		
45) 1,1'-Biphenyl	13.62	154	61843	38.88	ng		96
46) 2-Chloronaphthalene	13.67	162	48936	40.55	ng		99
47) 2-Nitroaniline	13.86	65	16850	43.09	ng	#	79
48) Acenaphthylene	14.51	152	76705	40.17	ng		99
49) Dimethylphthalate	14.23	163	64085	39.37	ng	#	97
50) 2,6-Dinitrotoluene	14.35	165	13935	41.61	ng	#	75
51) Acenaphthene	14.84	154	52616	40.40	ng		97
52) 3-Nitroaniline	14.68	138	14034	43.07	ng	#	76
53) 2,4-Dinitrophenol	14.88	184	9439	40.42	ng		92
54) Dibenzofuran	15.18	168	73661	44.65	ng		92
55) 4-Nitrophenol	14.97	139	11750	40.65	ng	#	62
56) 2,4-Dinitrotoluene	15.13	165	19965	41.57	ng	#	89
57) Fluorene	15.83	166	63053	39.28	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	17739	45.38	ng		94
59) Diethylphthalate	15.59	149	67751	39.49	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	33985	38.49	ng		97
61) 4-Nitroaniline	15.84	138	15603	42.05	ng	#	64
62) Azobenzene	16.11	77	66062	44.44	ng		91
64) 4,6-Dinitro-2-methylphenol	15.89	198	13027	39.02	ng		94
65) n-Nitrosodiphenylamine	16.03	169	56126	41.80	ng		93
66) 4-Bromophenyl-phenylether	16.71	248	21589	40.29	ng		90
67) Hexachlorobenzene	16.82	284	22636	40.04	ng	#	93
68) Atrazine	16.97	200	18591	37.37	ng		98
69) Pentachlorophenol	17.16	266	14793	38.76	ng	#	83
70) Phenanthrene	17.56	178	102416	41.82	ng		96
71) Anthracene	17.65	178	101250	41.06	ng		98
72) Carbazole	17.92	167	89627	42.09	ng		96
73) Di-n-butylphthalate	18.47	149	113844	40.56	ng	#	97
74) Fluoranthene	19.56	202	123903	40.33	ng		93
76) Benzidine	19.73	184	56300	39.40	ng		98
77) Pyrene	19.92	202	125934	41.88	ng		99
79) Butylbenzylphthalate	20.80	149	53165	42.36	ng	#	98
80) Benzo(a)anthracene	21.77	228	128918	41.26	ng		98
81) 3,3'-Dichlorobenzidine	21.68	252	51059	41.76	ng	#	99
82) Chrysene	21.84	228	117220	38.95	ng		100
83) Bis(2-ethylhexyl)phthalate	21.67	149	79613	41.08	ng	#	94
84) Di-n-octyl phthalate	22.91	149	135239	41.64	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.85	276	139266	38.38	ng	#	100
87) Benzo(b)fluoranthene	24.03	252	134746	43.58	ng	#	97
88) Benzo(k)fluoranthene	24.10	252	128224	42.07	ng	#	95
89) Benzo(a)pyrene	24.93	252	127260	42.87	ng	#	93
90) Dibenzo(a,h)anthracene	28.91	278	120009	40.11	ng		96
91) Benzo(g,h,i)perylene	30.02	276	114250	39.64	ng	#	92

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

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