Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG022716\
Data File : BG021134.D
Acq On : 28 Feb 2016 3:32
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 29 00:40:12 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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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2/29/2016 12:40:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	8597	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	46779	20.00	ng		-0.01
38) Acenaphthene-d10	14.77	164	30595	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	73231	20.00	ng		0.00
75) Chrysene-d12	21.78	240	80058	20.00	ng		-0.01
86) Perylene-d12	25.05	264	72662	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	43351	88.28	ng		0.00
7) Phenol-d6	7.31	99	72699	99.49	ng		-0.01
23) Nitrobenzene-d5	9.33	82	87595	89.22	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	26134	65.15	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	174641	73.04	ng		0.00
78) Terphenyl-d14	20.10	244	271941	79.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	9967	43.83	ng		98
3) Pyridine	4.01	79	29974	45.07	ng	#	91
4) n-Nitrosodimethylamine	3.93	42	14678	43.53	ng		96
6) Aniline	7.49	93	46882	51.87	ng	#	87
8) 2-Chlorophenol	7.73	128	27608	45.08	ng		88
9) Benzaldehyde	7.31	77	20268	51.21	ng		86
10) Phenol	7.33	94	39258	52.44	ng		82
11) bis(2-Chloroethyl)ether	7.58	93	28888	50.35	ng		96
12) 1,3-Dichlorobenzene	8.06	146	27588	42.32	ng	#	93
13) 1,4-Dichlorobenzene	8.20	146	28219m	40.53	ng		
14) 1,2-Dichlorobenzene	8.52	146	27450	41.64	ng		94
15) Benzyl Alcohol	8.40	79	32564	51.02	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.69	45	47090	71.58	ng		95
17) 2-Methylphenol	8.59	107	27380	51.82	ng	#	87
18) Hexachloroethane	9.26	117	11618	44.11	ng		90
19) n-Nitroso-di-n-propylamine	8.97	70	32452	57.57	ng		97
20) 3+4-Methylphenols	8.93	107	38332	52.32	ng		92
22) Acetophenone	8.99	105	54235	42.00	ng	#	92
24) Nitrobenzene	9.37	77	47706	47.03	ng	#	86
25) Isophorone	9.90	82	89432	48.60	ng		95
26) 2-Nitrophenol	10.08	139	16886	39.38	ng	#	64
27) 2,4-Dimethylphenol	10.13	122	32276	42.67	ng		86
28) bis(2-Chloroethoxy)methane	10.37	93	43015	47.97	ng		98
29) 2,4-Dichlorophenol	10.61	162	28176	38.05	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	28738	34.24	ng		93
31) Naphthalene	11.03	128	97045	40.39	ng		99
32) Benzoic acid	10.27	122	30039	43.25	ng	#	82
33) 4-Chloroaniline	11.13	127	43164	43.01	ng	#	89
34) Hexachlorobutadiene	11.31	225	18852	33.57	ng		93
35) Caprolactam	11.91	113	12424	49.66	ng	#	84
36) 4-Chloro-3-methylphenol	12.23	107	41416	45.63	ng	#	86
37) 2-Methylnaphthalene	12.62	142	69032	40.91	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	38033	33.64	ng		97
40) Hexachlorocyclopentadiene	12.96	237	23680	31.85	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	26939	37.99	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	28537	39.17	ng		93
45) 1,1'-Biphenyl	13.62	154	101161	39.26	ng		96
46) 2-Chloronaphthalene	13.66	162	76029	38.89	ng		98
47) 2-Nitroaniline	13.85	65	34007	53.69	ng	#	74
48) Acenaphthylene	14.50	152	127217	41.13	ng		99
49) Dimethylphthalate	14.23	163	105670	40.07	ng	#	98
50) 2,6-Dinitrotoluene	14.34	165	22492	41.46	ng	#	66
51) Acenaphthene	14.84	154	84432	40.02	ng		98
52) 3-Nitroaniline	14.67	138	24383	46.19	ng	#	64
53) 2,4-Dinitrophenol	14.87	184	14296	37.80	ng	#	84
54) Dibenzofuran	15.17	168	106671	39.91	ng	#	89
55) 4-Nitrophenol	14.96	139	21412	45.73	ng	#	58
56) 2,4-Dinitrotoluene	15.13	165	32472	41.74	ng	#	77
57) Fluorene	15.81	166	102902	39.58	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.39	232	23810	37.61	ng	#	96
59) Diethylphthalate	15.58	149	115815	41.67	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	52415	36.65	ng		97
61) 4-Nitroaniline	15.83	138	26624	44.29	ng	#	57
62) Azobenzene	16.09	77	122983	51.08	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	20869	38.85	ng		95
65) n-Nitrosodiphenylamine	16.02	169	88861	41.13	ng		94
66) 4-Bromophenyl-phenylether	16.69	248	30930	35.87	ng	#	86
67) Hexachlorobenzene	16.81	284	30833	33.90	ng	#	86
68) Atrazine	16.95	200	31222	39.00	ng		97
69) Pentachlorophenol	17.15	266	21225	34.57	ng		95
70) Phenanthrene	17.55	178	159362	40.44	ng		98
71) Anthracene	17.64	178	161972	40.82	ng		98
72) Carbazole	17.90	167	143719	41.95	ng		96
73) Di-n-butylphthalate	18.46	149	201391	44.59	ng	#	98
74) Fluoranthene	19.54	202	188117	38.06	ng		99
76) Benzidine	19.72	184	93991	44.62	ng		99
77) Pyrene	19.91	202	192254	43.37	ng		98
79) Butylbenzylphthalate	20.78	149	92328	49.91	ng		87
80) Benzo(a)anthracene	21.75	228	186992	40.59	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	70187	38.94	ng		97
82) Chrysene	21.82	228	177793	40.08	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	133937	46.88	ng		97
84) Di-n-octyl phthalate	22.88	149	223652	46.71	ng		99
85) Indeno(1,2,3-cd)pyrene	28.82	276	196938	36.82	ng	#	100
87) Benzo(b)fluoranthene	24.01	252	183204	40.34	ng		99
88) Benzo(k)fluoranthene	24.08	252	181855	40.62	ng		97
89) Benzo(a)pyrene	24.90	252	174771	40.09	ng		97
90) Dibenzo(a,h)anthracene	28.87	278	169257	38.51	ng		98
91) Benzo(g,h,i)perylene	29.98	276	162101	38.29	ng		95

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

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