Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030951.D
Acq On : 11 Nov 2017 20:15
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC020

Manual Integrations APPROVED
SOHIL
11/13/2017 4:55:25 PM

Quant Time: Nov 13 05:35:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43141	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	209929	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	148597	20.00	ng		-0.01
63) Phenanthrene-d10	17.50	188	376467	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	438152	20.00	ng		-0.01
86) Perylene-d12	25.07	264	452620	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	203765	80.99	ng		-0.01
7) Phenol-d6	7.31	99	293106	86.48	ng		0.00
23) Nitrobenzene-d5	9.31	82	286488	80.87	ng		-0.01
41) 2,4,6-Tribromophenol	16.24	330	205244	85.38	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	852114	82.40	ng		-0.02
78) Terphenyl-d14	20.09	244	1596153	80.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	39265	38.459	ng	#	83
3) Pyridine	3.96	79	121289	40.921	ng		92
4) n-Nitrosodimethylamine	3.88	42	57220	40.733	ng	#	89
6) Aniline	7.47	93	187235	41.975	ng		93
8) 2-Chlorophenol	7.71	128	116942	42.120	ng		90
9) Benzaldehyde	7.27	77	95142	40.113	ng		89
10) Phenol	7.33	94	148198	42.103	ng		96
11) bis(2-Chloroethyl)ether	7.55	93	118477	42.156	ng		89
12) 1,3-Dichlorobenzene	8.03	146	133309	40.924	ng		98
13) 1,4-Dichlorobenzene	8.18	146	134165	40.645	ng		96
14) 1,2-Dichlorobenzene	8.50	146	131906	41.634	ng		95
15) Benzyl Alcohol	8.38	79	116212	42.745	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.66	45	124585	40.132	ng		91
17) 2-Methylphenol	8.59	107	104656	42.697	ng		97
18) Hexachloroethane	9.23	117	46434	40.417	ng		89
19) n-Nitroso-di-n-propylamine	8.94	70	114003	44.237	ng	#	96
20) 3+4-Methylphenols	8.92	107	152539	43.765	ng		96
22) Acetophenone	8.96	105	214289	40.996	ng	#	95
24) Nitrobenzene	9.35	77	145719	40.266	ng		91
25) Isophorone	9.87	82	279261	40.418	ng	#	93
26) 2-Nitrophenol	10.07	139	82687	43.835	ng	#	87
27) 2,4-Dimethylphenol	10.12	122	112947	40.332	ng		92
28) bis(2-Chloroethoxy)methane	10.35	93	177710	40.838	ng		94
29) 2,4-Dichlorophenol	10.61	162	145521	43.274	ng		92
30) 1,2,4-Trichlorobenzene	10.82	180	168505	41.970	ng		97
31) Naphthalene	11.01	128	413509	40.069	ng		99
32) Benzoic acid	10.23	122	9122	9.111	ng	#	84
33) 4-Chloroaniline	11.11	127	189746	42.001	ng		94
34) Hexachlorobutadiene	11.28	225	117814	42.312	ng		95
35) Caprolactam	11.88	113	51749	37.670	ng	#	78
36) 4-Chloro-3-methylphenol	12.23	107	152955	41.791	ng	#	86
37) 2-Methylnaphthalene	12.60	142	333889	41.911	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	252816	42.867	ng	#	96
40) Hexachlorocyclopentadiene	12.94	237	69100	38.116	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	146947	43.584	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	154255	41.816	ng	#	91
45) 1,1'-Biphenyl	13.59	154	504013	40.903	ng		97
46) 2-Chloronaphthalene	13.65	162	366966	41.276	ng		96
47) 2-Nitroaniline	13.85	65	106896	40.566	ng	#	86
48) Acenaphthylene	14.49	152	591029	40.617	ng		98
49) Dimethylphthalate	14.21	163	513779	39.988	ng		99
50) 2,6-Dinitrotoluene	14.33	165	109834	41.475	ng	#	77
51) Acenaphthene	14.82	154	370311	40.748	ng		99
52) 3-Nitroaniline	14.66	138	111347	39.598	ng	#	77
53) 2,4-Dinitrophenol	14.89	184	5558	9.401	ng	#	49
54) Dibenzofuran	15.16	168	592934	40.962	ng		99
55) 4-Nitrophenol	14.98	139	73304	36.596	ng	#	86
56) 2,4-Dinitrotoluene	15.12	165	156953	40.996	ng	#	74
57) Fluorene	15.80	166	471362	40.109	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	158173	44.989	ng	#	85
59) Diethylphthalate	15.56	149	512413	39.262	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	294957	41.558	ng		92
61) 4-Nitroaniline	15.83	138	116128	39.001	ng		90
62) Azobenzene	16.08	77	395022	39.688	ng		94
64) 4,6-Dinitro-2-methylphenol	15.89	198	25595	10.228	ng		76
65) n-Nitrosodiphenylamine	16.00	169	464169	40.688	ng		100
66) 4-Bromophenyl-phenylether	16.68	248	203562	42.692	ng	#	92
67) Hexachlorobenzene	16.81	284	219200	43.266	ng	#	91
68) Atrazine	16.94	200	185612	39.435	ng		97
69) Pentachlorophenol	17.15	266	81873m	29.235	ng		
70) Phenanthrene	17.54	178	793605	40.487	ng		100
71) Anthracene	17.64	178	800806	40.773	ng		99
72) Carbazole	17.90	167	730916	39.717	ng		99
73) Di-n-butylphthalate	18.44	149	864090	38.241	ng		100
74) Fluoranthene	19.55	202	1032448	41.600	ng		97
76) Benzidine	19.72	184	503994	35.809	ng		99
77) Pyrene	19.90	202	1055284	40.588	ng		98
79) Butylbenzylphthalate	20.77	149	408459	39.401	ng		86
80) Benzo(a)anthracene	21.75	228	1091411	40.102	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	451390	41.087	ng	#	97
82) Chrysene	21.83	228	1018965	40.474	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	567881	37.950	ng		97
84) Di-n-octyl phthalate	22.87	149	957897	39.329	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.88	276	1295141	42.316	ng	#	94
87) Benzo(b)fluoranthene	24.03	252	1106089	40.399	ng	#	98
88) Benzo(k)fluoranthene	24.10	252	1114142	41.055	ng	#	98
89) Benzo(a)pyrene	24.92	252	1060021	40.755	ng		98
90) Dibenzo(a,h)anthracene	28.92	278	1094279	41.162	ng		97
91) Benzo(g,h,i)perylene	30.06	276	1066944	41.351	ng	#	94

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

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