Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034945.D
Acq On : 7 Jun 2018 9:20
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
6/8/2018 4:44:32 PM

Quant Time: Jun 07 11:32:55 2018
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 11:19:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31281	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	125910	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	87392	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	230487	20.00	ng		0.00
75) Chrysene-d12	21.72	240	247227	20.00	ng		0.00
86) Perylene-d12	24.97	264	241162	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	37624	18.53	ng		0.00
7) Phenol-d6	7.23	99	53971	16.43	ng		0.00
23) Nitrobenzene-d5	9.24	82	46495	14.11	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	20424	13.57	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	139668	21.70	ng		0.00
78) Terphenyl-d14	20.06	244	242202	21.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	8507	10.198	ng	#	77
3) Pyridine	3.97	79	20848	7.749	ng	#	76
4) n-Nitrosodimethylamine	3.88	42	9284	5.900	ng	#	76
6) Aniline	7.40	93	34418	8.025	ng		96
8) 2-Chlorophenol	7.64	128	19153	8.918	ng		94
9) Benzaldehyde	7.21	77	23066	10.161	ng	#	73
10) Phenol	7.25	94	27640	8.436	ng		90
11) bis(2-Chloroethyl)ether	7.50	93	21951	8.868	ng		92
12) 1,3-Dichlorobenzene	7.97	146	22676	8.972	ng	#	90
13) 1,4-Dichlorobenzene	8.12	146	23666	9.196	ng		99
14) 1,2-Dichlorobenzene	8.44	146	22201	8.789	ng		91
15) Benzyl Alcohol	8.31	79	25260	7.513	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.61	45	21726m	7.734	ng		
17) 2-Methylphenol	8.51	107	18283	8.306	ng	#	91
18) Hexachloroethane	9.17	117	8329	7.693	ng		92
19) n-Nitroso-di-n-propylamine	8.88	70	23084	8.579	ng		89
20) 3+4-Methylphenols	8.84	107	26602	8.669	ng		91
22) Acetophenone	8.91	105	38086	9.468	ng	#	97
24) Nitrobenzene	9.28	77	25231	7.375	ng	#	88
25) Isophorone	9.81	82	57078	8.934	ng		97
26) 2-Nitrophenol	9.99	139	7168	5.868	ng		89
27) 2,4-Dimethylphenol	10.05	122	19436	9.099	ng		90
28) bis(2-Chloroethoxy)methane	10.29	93	30223	9.399	ng	#	91
29) 2,4-Dichlorophenol	10.53	162	21180	9.509	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	24347	9.193	ng		95
31) Naphthalene	10.94	128	67449	10.303	ng		99
32) Benzoic acid	10.11	122	9836m	6.503	ng		
33) 4-Chloroaniline	11.04	127	27969	9.796	ng	#	88
34) Hexachlorobutadiene	11.23	225	19801	9.410	ng		98
35) Caprolactam	11.79	113	7952	9.391	ng	#	78
36) 4-Chloro-3-methylphenol	12.14	107	27137	9.042	ng		92
37) 2-Methylnaphthalene	12.54	142	50320	9.518	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	33494	10.198	ng		97
40) Hexachlorocyclopentadiene	12.88	237	20426	7.942	ng		78

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	20153	9.863	ng		94
43) 2,4,5-Trichlorophenol	13.20	196	20976	9.356	ng	#	87
45) 1,1'-Biphenyl	13.54	154	71987	10.459	ng		99
46) 2-Chloronaphthalene	13.58	162	53767	9.924	ng		98
47) 2-Nitroaniline	13.78	65	12295	5.555	ng		89
48) Acenaphthylene	14.43	152	91324	11.014	ng		95
49) Dimethylphthalate	14.16	163	79593	10.552	ng		97
50) 2,6-Dinitrotoluene	14.27	165	11443	7.397	ng		95
51) Acenaphthene	14.77	154	59476	11.065	ng		95
52) 3-Nitroaniline	14.60	138	11910	8.330	ng		93
53) 2,4-Dinitrophenol	14.80	184	5003	4.916	ng	#	43
54) Dibenzofuran	15.10	168	88910	10.084	ng		92
55) 4-Nitrophenol	14.88	139	9758	7.767	ng	#	86
56) 2,4-Dinitrotoluene	15.05	165	14053	6.120	ng	#	93
57) Fluorene	15.75	166	76403	11.103	ng		90
58) 2,3,4,6-Tetrachlorophenol	15.32	232	21101	8.628	ng	#	95
59) Diethylphthalate	15.52	149	81874	10.437	ng		99
60) 4-Chlorophenyl-phenylether	15.74	204	42692	10.447	ng		95
61) 4-Nitroaniline	15.75	138	13478	8.316	ng		87
62) Azobenzene	16.04	77	79830	9.586	ng		91
64) 4,6-Dinitro-2-methylphenol	15.81	198	8051	5.447	ng		84
65) n-Nitrosodiphenylamine	15.96	169	71978	10.679	ng		98
66) 4-Bromophenyl-phenylether	16.64	248	28035	9.242	ng	#	90
67) Hexachlorobenzene	16.75	284	28300	8.443	ng		95
68) Atrazine	16.90	200	30303	10.145	ng		95
69) Pentachlorophenol	17.09	266	17660	8.737	ng		98
70) Phenanthrene	17.49	178	120166	9.572	ng		98
71) Anthracene	17.58	178	118133	9.287	ng		98
72) Carbazole	17.85	167	110768	10.522	ng		98
73) Di-n-butylphthalate	18.42	149	134488	10.319	ng	#	98
74) Fluoranthene	19.50	202	156771	10.161	ng		97
76) Benzidine	19.67	184	94216	15.063	ng		99
77) Pyrene	19.86	202	166451	10.756	ng		99
79) Butylbenzylphthalate	20.76	149	55647	9.326	ng		95
80) Benzo(a)anthracene	21.70	228	161445	10.050	ng		95
81) 3,3'-Dichlorobenzidine	21.62	252	58137	9.304	ng	#	97
82) Chrysene	21.77	228	145874	9.901	ng		96
83) Bis(2-ethylhexyl)phthalate	21.64	149	81019	9.998	ng		98
84) Di-n-octyl phthalate	22.88	149	136689	10.077	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.67	276	161436	8.564	ng	#	84
87) Benzo(b)fluoranthene	23.95	252	145929m	9.563	ng		
88) Benzo(k)fluoranthene	24.01	252	146580	10.112	ng		98
89) Benzo(a)pyrene	24.81	252	138974	9.595	ng	#	94
90) Dibenzo(a,h)anthracene	28.75	278	139092	9.684	ng		96
91) Benzo(g,h,i)perylene	29.82	276	135995	9.419	ng	#	95

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

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