Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032409.D
Acq On : 29 Jan 2018 11:13
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
1/30/2018 6:22:46 PM

Quant Time: Jan 29 13:15:46 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 12:57:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	28448	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	119623	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	84734	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	220322	20.00	ng		0.00
75) Chrysene-d12	22.42	240	261449	20.00	ng		0.00
86) Perylene-d12	26.09	264	277756	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	66761	42.92	ng		0.00
7) Phenol-d6	7.83	99	91908	46.92	ng		0.00
23) Nitrobenzene-d5	9.92	82	93154	52.68	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	80078	57.11	ng		0.00
44) 2-Fluorobiphenyl	13.98	172	358664	52.48	ng		0.00
78) Terphenyl-d14	20.62	244	625890	52.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	11419	19.109	ng	#	70
3) Pyridine	4.27	79	33471	20.984	ng	#	79
4) n-Nitrosodimethylamine	4.18	42	16124	28.774	ng	#	69
6) Aniline	8.01	93	56994	23.066	ng		97
8) 2-Chlorophenol	8.27	128	40979	23.544	ng		84
9) Benzaldehyde	7.83	77	27132	23.904	ng		90
10) Phenol	7.86	94	42896	22.229	ng		86
11) bis(2-Chloroethyl)ether	8.11	93	32355	20.928	ng		86
12) 1,3-Dichlorobenzene	8.61	146	56510m	24.807	ng		
13) 1,4-Dichlorobenzene	8.76	146	54209m	23.634	ng		
14) 1,2-Dichlorobenzene	9.09	146	52557	23.691	ng		95
15) Benzyl Alcohol	8.95	79	38378	26.968	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.25	45	30624	19.491	ng		65
17) 2-Methylphenol	9.15	107	34588	23.453	ng	#	94
18) Hexachloroethane	9.84	117	17562	24.914	ng	#	78
19) n-Nitroso-di-n-propylamine	9.53	70	28769	23.669	ng	#	91
20) 3+4-Methylphenols	9.50	107	48537	23.757	ng		94
22) Acetophenone	9.56	105	69387	25.536	ng	#	92
24) Nitrobenzene	9.97	77	44938	25.479	ng	#	88
25) Isophorone	10.48	82	78812	23.938	ng	#	85
26) 2-Nitrophenol	10.69	139	26437	25.297	ng	#	77
27) 2,4-Dimethylphenol	10.73	122	38513	23.223	ng		92
28) bis(2-Chloroethoxy)methane	10.96	93	43168	21.762	ng	#	94
29) 2,4-Dichlorophenol	11.23	162	53905	26.416	ng		91
30) 1,2,4-Trichlorobenzene	11.46	180	68743	26.085	ng		99
31) Naphthalene	11.65	128	145847	24.612	ng		99
32) Benzoic acid	10.83	122	24478	20.100	ng	#	79
33) 4-Chloroaniline	11.75	127	63022	24.801	ng		96
34) Hexachlorobutadiene	11.92	225	54536	28.812	ng		94
35) Caprolactam	12.49	113	14764	23.849	ng	#	47
36) 4-Chloro-3-methylphenol	12.82	107	48821	26.138	ng		90
37) 2-Methylnaphthalene	13.22	142	119165	25.329	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.57	216	98863	26.766	ng	#	97
40) Hexachlorocyclopentadiene	13.55	237	60806	29.229	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	54860	26.434	ng		95
43) 2,4,5-Trichlorophenol	13.87	196	60797	25.309	ng	#	92
45) 1,1'-Biphenyl	14.20	154	179665	24.734	ng		96
46) 2-Chloronaphthalene	14.25	162	140311	24.830	ng		96
47) 2-Nitroaniline	14.44	65	30554	28.243	ng	#	74
48) Acenaphthylene	15.09	152	212007	24.637	ng		99
49) Dimethylphthalate	14.78	163	190216	25.653	ng	#	98
50) 2,6-Dinitrotoluene	14.91	165	41934	27.246	ng	#	78
51) Acenaphthene	15.42	154	145020	25.486	ng		96
52) 3-Nitroaniline	15.25	138	35889	25.818	ng	#	71
53) 2,4-Dinitrophenol	15.45	184	21609	33.395	ng	#	67
54) Dibenzofuran	15.75	168	212920	25.084	ng		98
55) 4-Nitrophenol	15.52	139	26052	25.717	ng	#	76
56) 2,4-Dinitrotoluene	15.69	165	56218	27.131	ng	#	63
57) Fluorene	16.39	166	178173	25.593	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.96	232	63402	28.531	ng	#	83
59) Diethylphthalate	16.13	149	185845	25.853	ng		97
60) 4-Chlorophenyl-phenylether	16.37	204	113188	26.504	ng		96
61) 4-Nitroaniline	16.40	138	38082	28.559	ng	#	82
62) Azobenzene	16.66	77	110073	24.465	ng	#	83
64) 4,6-Dinitro-2-methylphenol	16.45	198	39865	30.407	ng	#	65
65) n-Nitrosodiphenylamine	16.58	169	162326	24.280	ng		98
66) 4-Bromophenyl-phenylether	17.26	248	80742	25.757	ng		90
67) Hexachlorobenzene	17.39	284	89334	25.758	ng	#	90
68) Atrazine	17.50	200	70388	25.035	ng		99
69) Pentachlorophenol	17.73	266	54932	24.780	ng		98
70) Phenanthrene	18.13	178	299043	24.378	ng		99
71) Anthracene	18.22	178	301085	24.609	ng		97
72) Carbazole	18.48	167	261727	24.660	ng		99
73) Di-n-butylphthalate	18.99	149	292555	23.327	ng		98
74) Fluoranthene	20.09	202	392993	25.588	ng		95
76) Benzidine	20.25	184	140026	21.418	ng		99
77) Pyrene	20.45	202	404158	24.590	ng		100
79) Butylbenzylphthalate	21.31	149	123195	20.921	ng	#	74
80) Benzo(a)anthracene	22.40	228	396628	24.393	ng		98
81) 3,3'-Dichlorobenzidine	22.29	252	156497	25.765	ng	#	94
82) Chrysene	22.47	228	379709	24.317	ng		98
83) Bis(2-ethylhexyl)phthalate	22.24	149	175508	20.325	ng	#	98
84) Di-n-octyl phthalate	23.60	149	281437	20.521	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.35	276	480113	25.124	ng	#	86
87) Benzo(b)fluoranthene	24.91	252	417222	24.851	ng	#	94
88) Benzo(k)fluoranthene	24.99	252	405547	24.720	ng	#	96
89) Benzo(a)pyrene	25.92	252	393620	24.785	ng	#	96
90) Dibenzo(a,h)anthracene	30.42	278	402327	26.289	ng	#	94
91) Benzo(g,h,i)perylene	31.69	276	395104	25.259	ng	#	91

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

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