Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032407.D
Acq On : 29 Jan 2018 9:58
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
1/30/2018 6:22:44 PM

Quant Time: Jan 29 13:45:41 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	8.72	152	22691	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	94284	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	71073	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	199737	20.00	ng		0.00
75) Chrysene-d12	22.42	240	269586	20.00	ng		0.00
86) Perylene-d12	26.10	264	274109	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	5638	4.54	ng		0.00
7) Phenol-d6	7.83	99	6985	4.47	ng		0.00
23) Nitrobenzene-d5	9.92	82	7704	5.53	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	6456	5.49	ng		0.00
44) 2-Fluorobiphenyl	13.98	172	33066	5.77	ng		0.00
78) Terphenyl-d14	20.62	244	70415	5.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	1134	2.379	ng	#	49
4) n-Nitrosodimethylamine	4.18	42	1233	2.759	ng	#	45
6) Aniline	8.02	93	4518	2.292	ng	#	75
8) 2-Chlorophenol	8.27	128	3064	2.207	ng	#	77
10) Phenol	7.86	94	3539	2.299	ng		93
11) bis(2-Chloroethyl)ether	8.11	93	2510	2.035	ng		92
12) 1,3-Dichlorobenzene	8.61	146	4538	2.498	ng	#	83
13) 1,4-Dichlorobenzene	8.76	146	4749m	2.596	ng		
14) 1,2-Dichlorobenzene	9.09	146	4739	2.678	ng		93
15) Benzyl Alcohol	8.95	79	2654	2.338	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	9.24	45	2765	2.206	ng		82
17) 2-Methylphenol	9.16	107	2925	2.487	ng		88
18) Hexachloroethane	9.85	117	1670	2.970	ng	#	83
19) n-Nitroso-di-n-propylamine	9.52	70	2362	2.436	ng	#	85
20) 3+4-Methylphenols	9.49	107	3720	2.283	ng		92
22) Acetophenone	9.56	105	5917	2.763	ng	#	85
24) Nitrobenzene	9.96	77	3746	2.695	ng	#	87
25) Isophorone	10.48	82	6601	2.544	ng	#	93
26) 2-Nitrophenol	10.69	139	2098	2.547	ng	#	69
27) 2,4-Dimethylphenol	10.72	122	3278	2.508	ng		93
28) bis(2-Chloroethoxy)methane	10.96	93	3334	2.132	ng	#	90
29) 2,4-Dichlorophenol	11.23	162	3878	2.411	ng	#	77
30) 1,2,4-Trichlorobenzene	11.45	180	6277	3.022	ng	#	87
31) Naphthalene	11.65	128	11827	2.532	ng	#	96
33) 4-Chloroaniline	11.75	127	5170	2.581	ng	#	83
34) Hexachlorobutadiene	11.93	225	4785	3.207	ng	#	87
35) Caprolactam	12.46	113	1018	2.086	ng	#	51
36) 4-Chloro-3-methylphenol	12.82	107	3879	2.635	ng	#	79
37) 2-Methylnaphthalene	13.22	142	10359	2.794	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.57	216	8954	2.890	ng	#	97
42) 2,4,6-Trichlorophenol	13.80	196	4309m	2.475	ng		
43) 2,4,5-Trichlorophenol	13.88	196	5271	2.616	ng	#	82
45) 1,1'-Biphenyl	14.19	154	15297	2.511	ng		95
46) 2-Chloronaphthalene	14.25	162	12349	2.605	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	14.45	65	2436	2.685	ng	#	77
48) Acenaphthylene	15.08	152	18080	2.505	ng	#	94
49) Dimethylphthalate	14.78	163	17873	2.874	ng		99
50) 2,6-Dinitrotoluene	14.91	165	3210	2.487	ng	#	63
51) Acenaphthene	15.42	154	12187	2.553	ng	#	89
52) 3-Nitroaniline	15.24	138	2779	2.383	ng	#	65
54) Dibenzofuran	15.74	168	19695	2.766	ng		93
57) Fluorene	16.40	166	16384	2.806	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.97	232	4850	2.602	ng	#	86
59) Diethylphthalate	16.13	149	17529	2.907	ng		98
60) 4-Chlorophenyl-phenylether	16.37	204	10101	2.820	ng		99
62) Azobenzene	16.66	77	10354	2.744	ng		88
65) n-Nitrosodiphenylamine	16.58	169	16042	2.647	ng		96
66) 4-Bromophenyl-phenylether	17.27	248	7386	2.599	ng		96
67) Hexachlorobenzene	17.39	284	8326	2.648	ng	#	85
68) Atrazine	17.51	200	6921	2.715	ng		91
70) Phenanthrene	18.13	178	30844	2.774	ng		95
71) Anthracene	18.22	178	29371m	2.648	ng		
72) Carbazole	18.48	167	26939	2.800	ng		98
73) Di-n-butylphthalate	18.99	149	27722	2.438	ng		98
74) Fluoranthene	20.10	202	40987	2.944	ng		95
77) Pyrene	20.46	202	44351	2.617	ng		99
80) Benzo(a)anthracene	22.40	228	43872	2.617	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	17488	2.792	ng	#	84
82) Chrysene	22.47	228	44477	2.762	ng		96
85) Indeno(1,2,3-cd)pyrene	30.33	276	49078m	2.491	ng		
87) Benzo(b)fluoranthene	24.91	252	43384	2.618	ng	#	94
88) Benzo(k)fluoranthene	25.00	252	45125m	2.787	ng		
89) Benzo(a)pyrene	25.92	252	41733	2.663	ng	#	91
90) Dibenzo(a,h)anthracene	30.43	278	40302m	2.668	ng		
91) Benzo(g,h,i)perylene	31.68	276	41295m	2.675	ng		

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

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