Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
Data File : BG034489.D
Acq On : 16 May 2018 15:33
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 17:17:06 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 16 19:55:14 2018
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
Sohil
5/17/2018 5:04:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	42400	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	200509	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	148122	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	359014	20.00	ng		0.00
75) Chrysene-d12	21.74	240	379251	20.00	ng		0.00
86) Perylene-d12	25.00	264	399505	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	137059	52.23	ng		0.00
7) Phenol-d6	7.21	99	227146	55.60	ng		0.00
23) Nitrobenzene-d5	9.21	82	254620	48.72	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	123380	60.15	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	534745	52.61	ng		0.00
78) Terphenyl-d14	20.06	244	898026	51.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	28480	25.843	ng	#	72
3) Pyridine	3.92	79	90807	26.261	ng	#	84
4) n-Nitrosodimethylamine	3.83	42	54126	28.708	ng	#	66
6) Aniline	7.37	93	148485	26.720	ng		91
8) 2-Chlorophenol	7.61	128	73061	27.900	ng		93
9) Benzaldehyde	7.18	77	83888	37.922	ng		94
10) Phenol	7.24	94	114031	27.672	ng		82
11) bis(2-Chloroethyl)ether	7.46	93	82624	25.469	ng		94
12) 1,3-Dichlorobenzene	7.93	146	84361	25.464	ng	#	93
13) 1,4-Dichlorobenzene	8.08	146	87444	26.576	ng		92
14) 1,2-Dichlorobenzene	8.40	146	82962m	26.545	ng		
15) Benzyl Alcohol	8.28	79	121168	27.801	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.58	45	96168	21.545	ng		84
17) 2-Methylphenol	8.49	107	71272	26.285	ng	#	81
18) Hexachloroethane	9.13	117	36943	26.393	ng		83
19) n-Nitroso-di-n-propylamine	8.85	70	96297	26.246	ng	#	92
20) 3+4-Methylphenols	8.82	107	101495	25.274	ng	#	80
22) Acetophenone	8.86	105	161338	23.622	ng	#	95
24) Nitrobenzene	9.25	77	137675	24.068	ng		90
25) Isophorone	9.78	82	251674	23.607	ng	#	95
26) 2-Nitrophenol	9.96	139	44156	27.884	ng	#	75
27) 2,4-Dimethylphenol	10.03	122	82952	27.021	ng		93
28) bis(2-Chloroethoxy)methane	10.26	93	123022	23.493	ng		99
29) 2,4-Dichlorophenol	10.51	162	88447	24.103	ng		90
30) 1,2,4-Trichlorobenzene	10.72	180	101986	23.081	ng		95
31) Naphthalene	10.91	128	251493	23.863	ng		98
32) Benzoic acid	10.14	122	57446	22.254	ng	#	80
33) 4-Chloroaniline	11.01	127	113275	23.835	ng	#	86
34) Hexachlorobutadiene	11.19	225	78745	21.055	ng		97
35) Caprolactam	11.79	113	34826	26.719	ng	#	70
36) 4-Chloro-3-methylphenol	12.14	107	116881	24.564	ng		93
37) 2-Methylnaphthalene	12.52	142	204013	23.874	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	136583	23.829	ng	#	97
40) Hexachlorocyclopentadiene	12.87	237	106145	31.254	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	84017	25.229	ng		99
43) 2,4,5-Trichlorophenol	13.20	196	91578	24.875	ng	#	89
45) 1,1'-Biphenyl	13.52	154	283962	24.540	ng		96
46) 2-Chloronaphthalene	13.57	162	223104	25.467	ng		93
47) 2-Nitroaniline	13.76	65	88569	25.288	ng	#	86
48) Acenaphthylene	14.42	152	340994	24.380	ng		97
49) Dimethylphthalate	14.15	163	309918	24.129	ng	#	98
50) 2,6-Dinitrotoluene	14.26	165	65865	26.700	ng	#	69
51) Acenaphthene	14.76	154	220906	23.239	ng		90
52) 3-Nitroaniline	14.59	138	58915	23.695	ng	#	82
53) 2,4-Dinitrophenol	14.80	184	39056	40.471	ng		82
54) Dibenzofuran	15.09	168	360075	26.128	ng	#	84
55) 4-Nitrophenol	14.92	139	53475	28.177	ng	#	56
56) 2,4-Dinitrotoluene	15.05	165	97740	29.180	ng	#	93
57) Fluorene	15.74	166	290605	24.194	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.32	232	101011	26.522	ng		98
59) Diethylphthalate	15.51	149	321790	23.675	ng		96
60) 4-Chlorophenyl-phenylether	15.73	204	163940	22.942	ng	#	84
61) 4-Nitroaniline	15.76	138	63965	24.253	ng	#	34
62) Azobenzene	16.03	77	343433	23.390	ng		91
64) 4,6-Dinitro-2-methylphenol	15.81	198	56142	33.259	ng		91
65) n-Nitrosodiphenylamine	15.95	169	265152	27.086	ng		94
66) 4-Bromophenyl-phenylether	16.63	248	118957	26.687	ng	#	85
67) Hexachlorobenzene	16.75	284	133283	29.457	ng	#	93
68) Atrazine	16.90	200	113905	28.413	ng		97
69) Pentachlorophenol	17.10	266	78867	25.008	ng		98
70) Phenanthrene	17.49	178	505848	27.421	ng		98
71) Anthracene	17.58	178	509235	27.237	ng		99
72) Carbazole	17.85	167	424178	24.783	ng	#	96
73) Di-n-butylphthalate	18.41	149	523103	25.391	ng	#	96
74) Fluoranthene	19.50	202	623279	26.737	ng		96
76) Benzidine	19.68	184	243225	24.897	ng		97
77) Pyrene	19.86	202	618884	26.046	ng		96
79) Butylbenzylphthalate	20.75	149	227039	24.477	ng		90
80) Benzo(a)anthracene	21.72	228	620157	25.515	ng		97
81) 3,3'-Dichlorobenzidine	21.63	252	249930	27.192	ng	#	94
82) Chrysene	21.78	228	574170	24.681	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	311995	24.439	ng		94
84) Di-n-octyl phthalate	22.85	149	526961	25.844	ng		100
85) Indeno(1,2,3-cd)pyrene	28.73	276	722917	28.237	ng	#	83
87) Benzo(b)fluoranthene	23.96	252	624343	24.740	ng	#	95
88) Benzo(k)fluoranthene	24.03	252	616777	25.571	ng	#	94
89) Benzo(a)pyrene	24.85	252	617499	26.154	ng	#	94
90) Dibenzo(a,h)anthracene	28.79	278	599369	26.930	ng	#	92
91) Benzo(g,h,i)perylene	29.89	276	600604	27.379	ng	#	84

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

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