Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051618\
Data File : BG034491.D
Acq On : 16 May 2018 16:50
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
5/17/2018 5:04:16 PM

Quant Time: May 16 17:34:43 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45407	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	211321	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	150760	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	366592	20.00	ng		0.00
75) Chrysene-d12	21.74	240	380868	20.00	ng		0.00
86) Perylene-d12	25.02	264	410925	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	300990	107.10	ng		0.00
7) Phenol-d6	7.21	99	497196	113.63	ng		0.00
23) Nitrobenzene-d5	9.22	82	570388	103.56	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	259897	124.50	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	1105522	106.85	ng		0.00
78) Terphenyl-d14	20.07	244	1720461	98.96	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	59628	50.524	ng	#	79
3) Pyridine	3.93	79	203098	54.846	ng	#	79
4) n-Nitrosodimethylamine	3.84	42	119886	59.376	ng	#	76
6) Aniline	7.37	93	316475	53.179	ng		98
8) 2-Chlorophenol	7.61	128	158944	56.676	ng		89
9) Benzaldehyde	7.18	77	168895	71.293	ng		95
10) Phenol	7.24	94	249861	56.619	ng	#	75
11) bis(2-Chloroethyl)ether	7.46	93	185150	53.293	ng		90
12) 1,3-Dichlorobenzene	7.94	146	187121	52.741	ng	#	82
13) 1,4-Dichlorobenzene	8.08	146	195267	55.416	ng		96
14) 1,2-Dichlorobenzene	8.41	146	183803	54.916	ng		93
15) Benzyl Alcohol	8.29	79	256265	54.905	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.58	45	212410	44.436	ng		83
17) 2-Methylphenol	8.49	107	159576	54.955	ng	#	79
18) Hexachloroethane	9.13	117	79962	53.344	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	197531	50.271	ng	#	96
20) 3+4-Methylphenols	8.82	107	224819	52.277	ng		83
22) Acetophenone	8.88	105	335434	46.599	ng	#	95
24) Nitrobenzene	9.26	77	294093	48.781	ng	#	89
25) Isophorone	9.79	82	541319	48.178	ng	#	94
26) 2-Nitrophenol	9.97	139	104980	62.902	ng	#	68
27) 2,4-Dimethylphenol	10.03	122	179516	55.483	ng		93
28) bis(2-Chloroethoxy)methane	10.26	93	262499	47.564	ng		97
29) 2,4-Dichlorophenol	10.51	162	194036	50.171	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	213170	45.775	ng		99
31) Naphthalene	10.91	128	546333	49.186	ng		99
32) Benzoic acid	10.18	122	134973	49.612	ng	#	81
33) 4-Chloroaniline	11.02	127	244092	48.734	ng	#	83
34) Hexachlorobutadiene	11.20	225	174154	44.183	ng		96
35) Caprolactam	11.81	113	69304m	50.451	ng		
36) 4-Chloro-3-methylphenol	12.15	107	257793	51.407	ng		89
37) 2-Methylnaphthalene	12.52	142	438323	48.669	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	300894	51.578	ng	#	97
40) Hexachlorocyclopentadiene	12.87	237	238098	68.880	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	180781	53.335	ng		99
43) 2,4,5-Trichlorophenol	13.21	196	197798	52.787	ng	#	81
45) 1,1'-Biphenyl	13.53	154	602705	51.175	ng		98
46) 2-Chloronaphthalene	13.57	162	473091	53.058	ng		98
47) 2-Nitroaniline	13.78	65	202431	56.786	ng	#	83
48) Acenaphthylene	14.42	152	713785	50.140	ng		98
49) Dimethylphthalate	14.15	163	646164	49.428	ng	#	98
50) 2,6-Dinitrotoluene	14.27	165	135162	53.833	ng	#	79
51) Acenaphthene	14.76	154	451203	46.635	ng		96
52) 3-Nitroaniline	14.60	138	127668	50.448	ng	#	74
53) 2,4-Dinitrophenol	14.80	184	92509	94.182	ng	#	67
54) Dibenzofuran	15.10	168	754254	53.774	ng	#	84
55) 4-Nitrophenol	14.92	139	111601	57.777	ng	#	49
56) 2,4-Dinitrotoluene	15.06	165	200765	58.889	ng		92
57) Fluorene	15.74	166	600109	49.087	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.32	232	214197	55.257	ng		97
59) Diethylphthalate	15.51	149	669059	48.364	ng		99
60) 4-Chlorophenyl-phenylether	15.74	204	343422	47.218	ng	#	87
61) 4-Nitroaniline	15.77	138	139089	51.813	ng	#	35
62) Azobenzene	16.03	77	719074	48.117	ng		93
64) 4,6-Dinitro-2-methylphenol	15.82	198	122037	70.802	ng		98
65) n-Nitrosodiphenylamine	15.96	169	544235	54.445	ng		98
66) 4-Bromophenyl-phenylether	16.64	248	257394	56.551	ng		92
67) Hexachlorobenzene	16.75	284	270788	58.610	ng		95
68) Atrazine	16.91	200	240936	58.858	ng		95
69) Pentachlorophenol	17.10	266	175163	54.395	ng		96
70) Phenanthrene	17.49	178	994280	52.783	ng		98
71) Anthracene	17.58	178	1021109	53.486	ng		99
72) Carbazole	17.85	167	851581	48.727	ng	#	96
73) Di-n-butylphthalate	18.41	149	1049063	49.869	ng	#	96
74) Fluoranthene	19.50	202	1229696	51.660	ng		95
76) Benzidine	19.68	184	520585	53.062	ng		98
77) Pyrene	19.87	202	1209191	50.673	ng		99
79) Butylbenzylphthalate	20.76	149	482297	51.775	ng		94
80) Benzo(a)anthracene	21.72	228	1238155	50.726	ng		99
81) 3,3'-Dichlorobenzidine	21.64	252	498696	54.028	ng	#	97
82) Chrysene	21.79	228	1123955m	48.109	ng		
83) Bis(2-ethylhexyl)phthalate	21.62	149	646962	50.463	ng		95
84) Di-n-octyl phthalate	22.86	149	1088757	53.170	ng		100
85) Indeno(1,2,3-cd)pyrene	28.76	276	1507438	58.631	ng	#	82
87) Benzo(b)fluoranthene	23.98	252	1318197	50.782	ng	#	93
88) Benzo(k)fluoranthene	24.05	252	1224444	49.354	ng	#	95
89) Benzo(a)pyrene	24.87	252	1258547	51.823	ng	#	95
90) Dibenzo(a,h)anthracene	28.83	278	1251424	54.665	ng	#	95
91) Benzo(g,h,i)perylene	29.95	276	1222026	54.159	ng	#	89

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

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