Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033610.D
Acq On : 6 Apr 2018 2:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/6/2018 5:28:02 PM

Quant Time: Apr 06 04:07:56 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	45698	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	217618	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	170198	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	407372	20.00	ng		0.00
75) Chrysene-d12	22.56	240	398613	20.00	ng		0.00
86) Perylene-d12	26.32	264	431729	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	204309	83.83	ng		0.00
7) Phenol-d6	7.97	99	368419	87.98	ng		0.00
23) Nitrobenzene-d5	10.06	82	386197	81.53	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	185222	72.76	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	912815	77.43	ng		0.00
78) Terphenyl-d14	20.73	244	1422008	76.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	45752	36.967	ng		89
3) Pyridine	4.39	79	147341	43.066	ng		98
4) n-Nitrosodimethylamine	4.29	42	62327	44.392	ng	#	78
6) Aniline	8.15	93	220107	44.698	ng		95
8) 2-Chlorophenol	8.41	128	120698	43.322	ng		94
9) Benzaldehyde	7.97	77	87703	32.957	ng		95
10) Phenol	8.00	94	180753	43.721	ng		85
11) bis(2-Chloroethyl)ether	8.24	93	133940	39.692	ng		96
12) 1,3-Dichlorobenzene	8.74	146	140750	38.641	ng		95
13) 1,4-Dichlorobenzene	8.89	146	137553	37.707	ng		95
14) 1,2-Dichlorobenzene	9.23	146	144378	40.551	ng		98
15) Benzyl Alcohol	9.09	79	148191	44.949	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	241464	43.893	ng		91
17) 2-Methylphenol	9.30	107	123793m	43.955	ng		
18) Hexachloroethane	9.98	117	58828	41.783	ng		96
19) n-Nitroso-di-n-propylamine	9.67	70	137602	44.845	ng		98
20) 3+4-Methylphenols	9.63	107	179925	44.869	ng		88
22) Acetophenone	9.71	105	236059	39.594	ng	#	97
24) Nitrobenzene	10.10	77	203760	40.190	ng		95
25) Isophorone	10.62	82	377198	41.031	ng		99
26) 2-Nitrophenol	10.83	139	75384	39.274	ng	#	79
27) 2,4-Dimethylphenol	10.86	122	119941	43.015	ng		86
28) bis(2-Chloroethoxy)methane	11.10	93	178054	38.819	ng		96
29) 2,4-Dichlorophenol	11.37	162	147006	42.870	ng		98
30) 1,2,4-Trichlorobenzene	11.60	180	172061	38.620	ng		97
31) Naphthalene	11.80	128	456953	40.521	ng		100
32) Benzoic acid	11.02	122	84302	32.523	ng		91
33) 4-Chloroaniline	11.89	127	203032	40.186	ng	#	88
34) Hexachlorobutadiene	12.05	225	125132	37.140	ng		94
35) Caprolactam	12.65	113	58799	43.768	ng	#	80
36) 4-Chloro-3-methylphenol	12.96	107	191170	42.744	ng		99
37) 2-Methylnaphthalene	13.35	142	355749	40.644	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	234036	37.962	ng		99
40) Hexachlorocyclopentadiene	13.67	237	107695	29.799	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	139581	38.968	ng		99
43) 2,4,5-Trichlorophenol	14.01	196	171843	40.588	ng		97
45) 1,1'-Biphenyl	14.32	154	522631	39.969	ng		96
46) 2-Chloronaphthalene	14.38	162	406952	40.363	ng		96
47) 2-Nitroaniline	14.57	65	158320	41.924	ng		92
48) Acenaphthylene	15.21	152	675900	40.163	ng		99
49) Dimethylphthalate	14.91	163	577605	38.996	ng		99
50) 2,6-Dinitrotoluene	15.03	165	122295	40.380	ng		94
51) Acenaphthene	15.55	154	420983	38.805	ng		93
52) 3-Nitroaniline	15.38	138	123997	39.052	ng	#	94
53) 2,4-Dinitrophenol	15.57	184	31223	25.649	ng		96
54) Dibenzofuran	15.87	168	628859	39.243	ng		91
55) 4-Nitrophenol	15.66	139	77657	34.781	ng		85
56) 2,4-Dinitrotoluene	15.82	165	175877	39.440	ng		95
57) Fluorene	16.52	166	538985	39.480	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.09	232	153809	38.590	ng		97
59) Diethylphthalate	16.24	149	578093	40.194	ng		99
60) 4-Chlorophenyl-phenylether	16.49	204	292850	37.316	ng		95
61) 4-Nitroaniline	16.53	138	128405	39.934	ng	#	86
62) Azobenzene	16.78	77	565703	40.603	ng		96
64) 4,6-Dinitro-2-methylphenol	16.57	198	88235	36.206	ng		96
65) n-Nitrosodiphenylamine	16.70	169	485430	41.740	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	194425	40.639	ng		93
67) Hexachlorobenzene	17.51	284	201186	39.846	ng		96
68) Atrazine	17.62	200	189885	40.292	ng		99
69) Pentachlorophenol	17.85	266	125168	36.119	ng		95
70) Phenanthrene	18.25	178	845651	39.859	ng		98
71) Anthracene	18.34	178	860797	40.071	ng		99
72) Carbazole	18.60	167	770254	40.463	ng		97
73) Di-n-butylphthalate	19.09	149	920699	41.554	ng	#	99
74) Fluoranthene	20.20	202	1010790	38.500	ng		98
76) Benzidine	20.36	184	402008	37.189	ng		99
77) Pyrene	20.56	202	1027111	38.635	ng		99
79) Butylbenzylphthalate	21.42	149	415378	42.340	ng		98
80) Benzo(a)anthracene	22.53	228	995558	39.223	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	368453	40.794	ng		97
82) Chrysene	22.61	228	970558	39.502	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	596984	44.143	ng		98
84) Di-n-octyl phthalate	23.74	149	946927	45.731	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	1100396	41.423	ng	#	87
87) Benzo(b)fluoranthene	25.10	252	983485	39.429	ng	#	95
88) Benzo(k)fluoranthene	25.19	252	986145	39.091	ng		98
89) Benzo(a)pyrene	26.14	252	948692	39.605	ng	#	97
90) Dibenzo(a,h)anthracene	30.76	278	871518	38.625	ng		96
91) Benzo(g,h,i)perylene	32.07	276	891658	39.908	ng	#	96

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

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