Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
Data File : BG033793.D
Acq On : 13 Apr 2018 11:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/16/2018 3:14:15 PM

Quant Time: Apr 14 01:05:26 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	29115	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	132980	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	107512	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	285688	20.00	ng		0.00
75) Chrysene-d12	22.55	240	279690	20.00	ng		0.00
86) Perylene-d12	26.32	264	302307	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	125003	80.51	ng		0.01
7) Phenol-d6	8.00	99	199897	74.93	ng		0.03
23) Nitrobenzene-d5	10.06	82	224073	77.42	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	126957	78.95	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	556029	74.66	ng		0.00
78) Terphenyl-d14	20.73	244	990388	75.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	31090	39.428	ng		91
3) Pyridine	4.39	79	79065	36.273	ng		95
4) n-Nitrosodimethylamine	4.30	42	33689	37.661	ng	#	79
6) Aniline	8.15	93	119583	38.116	ng	#	88
8) 2-Chlorophenol	8.41	128	70607	39.777	ng		95
9) Benzaldehyde	7.96	77	46039	27.155	ng		94
10) Phenol	8.02	94	99733	37.864	ng		88
11) bis(2-Chloroethyl)ether	8.23	93	85461	39.750	ng		95
12) 1,3-Dichlorobenzene	8.73	146	91935m	39.615	ng		
13) 1,4-Dichlorobenzene	8.89	146	86256	37.113	ng		97
14) 1,2-Dichlorobenzene	9.22	146	91776	40.459	ng		99
15) Benzyl Alcohol	9.11	79	76868	36.595	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.37	45	153667	43.844	ng		80
17) 2-Methylphenol	9.32	107	68879	38.386	ng		95
18) Hexachloroethane	9.97	117	37489	41.793	ng		98
19) n-Nitroso-di-n-propylamine	9.66	70	87039	44.523	ng		97
20) 3+4-Methylphenols	9.65	107	96633	37.824	ng		89
22) Acetophenone	9.70	105	145868	40.038	ng	#	96
24) Nitrobenzene	10.10	77	113803	36.734	ng		93
25) Isophorone	10.61	82	243114	43.277	ng		99
26) 2-Nitrophenol	10.83	139	48118	41.025	ng	#	88
27) 2,4-Dimethylphenol	10.87	122	70921	41.623	ng		92
28) bis(2-Chloroethoxy)methane	11.10	93	108284	38.633	ng		98
29) 2,4-Dichlorophenol	11.38	162	79547	37.962	ng		98
30) 1,2,4-Trichlorobenzene	11.58	180	103760	38.112	ng		95
31) Naphthalene	11.78	128	274072	39.772	ng		97
32) Benzoic acid	11.01	122	40100m	25.317	ng		
33) 4-Chloroaniline	11.90	127	112019	36.283	ng	#	92
34) Hexachlorobutadiene	12.04	225	78923	38.334	ng		97
35) Caprolactam	12.65	113	39162	47.705	ng		96
36) 4-Chloro-3-methylphenol	12.98	107	112291	41.087	ng		95
37) 2-Methylnaphthalene	13.33	142	207482	38.792	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	141193	36.256	ng		99
40) Hexachlorocyclopentadiene	13.66	237	54092	23.694	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	88061	38.919	ng		92
43) 2,4,5-Trichlorophenol	14.02	196	99040	37.032	ng		96
45) 1,1'-Biphenyl	14.31	154	302854	36.666	ng		97
46) 2-Chloronaphthalene	14.37	162	234959	36.892	ng		93
47) 2-Nitroaniline	14.57	65	98391	41.246	ng		95
48) Acenaphthylene	15.20	152	410112	38.578	ng		99
49) Dimethylphthalate	14.90	163	380062	40.620	ng		99
50) 2,6-Dinitrotoluene	15.04	165	77764	40.647	ng		94
51) Acenaphthene	15.54	154	240525	35.098	ng		93
52) 3-Nitroaniline	15.39	138	68262	34.033	ng	#	95
53) 2,4-Dinitrophenol	15.58	184	17288	23.426	ng	#	84
54) Dibenzofuran	15.87	168	389855	38.513	ng	#	91
55) 4-Nitrophenol	15.71	139	46740	33.140	ng		98
56) 2,4-Dinitrotoluene	15.82	165	110287	39.152	ng		94
57) Fluorene	16.51	166	333872	38.715	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	103770	41.215	ng	#	95
59) Diethylphthalate	16.24	149	384019	42.268	ng		98
60) 4-Chlorophenyl-phenylether	16.48	204	185468	37.413	ng		97
61) 4-Nitroaniline	16.55	138	76361	37.595	ng		84
62) Azobenzene	16.77	77	346679	39.391	ng		95
64) 4,6-Dinitro-2-methylphenol	16.58	198	56006	32.770	ng		96
65) n-Nitrosodiphenylamine	16.70	169	307168	37.662	ng		95
66) 4-Bromophenyl-phenylether	17.38	248	122583	36.536	ng		95
67) Hexachlorobenzene	17.51	284	130665	36.902	ng		96
68) Atrazine	17.62	200	124597	37.700	ng		98
69) Pentachlorophenol	17.85	266	79496m	32.710	ng		
70) Phenanthrene	18.25	178	552188	37.113	ng		100
71) Anthracene	18.33	178	581834	38.622	ng		98
72) Carbazole	18.60	167	517737	38.783	ng		98
73) Di-n-butylphthalate	19.09	149	637038	40.997	ng	#	98
74) Fluoranthene	20.20	202	677723	36.809	ng		98
76) Benzidine	20.37	184	220547	29.078	ng		98
77) Pyrene	20.56	202	696354	37.331	ng		98
79) Butylbenzylphthalate	21.41	149	277543	40.319	ng		98
80) Benzo(a)anthracene	22.53	228	673569	37.821	ng		100
81) 3,3'-Dichlorobenzidine	22.42	252	252945	39.913	ng		98
82) Chrysene	22.61	228	657670	38.149	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	398469	41.992	ng		96
84) Di-n-octyl phthalate	23.74	149	647208	44.546	ng		100
85) Indeno(1,2,3-cd)pyrene	30.70	276	754826	40.497	ng	#	88
87) Benzo(b)fluoranthene	25.11	252	657562	37.649	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	678918	38.434	ng	#	98
89) Benzo(a)pyrene	26.14	252	640643	38.195	ng	#	96
90) Dibenzo(a,h)anthracene	30.79	278	623623	39.471	ng	#	96
91) Benzo(g,h,i)perylene	32.09	276	618369	39.525	ng	#	93

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

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