Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037491.D
Acq On : 24 Oct 2018 00:43
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 24 04:22:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	66503	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	311566	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	199693	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	464429	20.00	ng		0.00
76) Chrysene-d12	21.77	240	407521	20.00	ng		0.00
87) Perylene-d12	25.11	264	437899	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	311948	78.42	ng		0.00
7) Phenol-d6	7.25	99	471515	78.39	ng		0.00
23) Nitrobenzene-d5	9.28	82	437912	78.74	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	170174	78.13	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1015638	76.69	ng		0.00
79) Terphenyl-d14	20.09	244	1447027	75.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	78858	39.092	ng		97
3) Pyridine	3.94	79	201924	39.715	ng		92
4) n-Nitrosodimethylamine	3.85	42	74645	41.218	ng	#	92
6) Aniline	7.43	93	292002	39.794	ng		98
8) 2-Chlorophenol	7.67	128	182761	39.274	ng		99
9) Benzaldehyde	7.25	77	138781	36.884	ng		96
10) Phenol	7.27	94	248150	39.101	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	194435	40.339	ng		95
12) 1,3-Dichlorobenzene	8.00	146	205059	39.582	ng		99
13) 1,4-Dichlorobenzene	8.14	146	205833	38.842	ng		99
14) 1,2-Dichlorobenzene	8.46	146	194186	38.094	ng		99
15) Benzyl Alcohol	8.34	79	179634	40.418	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	353042	40.935	ng		97
17) 2-Methylphenol	8.54	107	165452	39.434	ng		99
18) Hexachloroethane	9.19	117	72787	40.290	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	165433	39.941	ng		95
20) 3+4-Methylphenols	8.87	107	233799	38.975	ng		99
22) Acetophenone	8.94	105	296272	37.916	ng		97
24) Nitrobenzene	9.33	77	229117	39.654	ng		95
25) Isophorone	9.85	82	405047	39.858	ng		97
26) 2-Nitrophenol	10.03	139	107545	41.318	ng		97
27) 2,4-Dimethylphenol	10.08	122	178381	38.383	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	260668	39.150	ng		97
29) 2,4-Dichlorophenol	10.56	162	195986	37.876	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	216856	38.538	ng		97
31) Naphthalene	10.98	128	588462	38.453	ng		99
32) Benzoic acid	10.21	122	142816	47.313	ng		98
33) 4-Chloroaniline	11.09	127	275832	38.361	ng		98
34) Hexachlorobutadiene	11.25	225	131136	39.321	ng		99
35) Caprolactam	11.88	113	82538	39.772	ng		97
36) 4-Chloro-3-methylphenol	12.19	107	225358	38.618	ng		99
37) 2-Methylnaphthalene	12.57	142	426676	38.248	ng		98
38) 1-Methylnaphthalene	12.80	142	410732	37.913	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	247356	38.402	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	120239	39.079	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	172313	40.043	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	180749	38.578	ng		96
46) 1,1'-Biphenyl	13.58	154	634726	38.380	ng		97
47) 2-Chloronaphthalene	13.62	162	478861	38.273	ng		99
48) 2-Nitroaniline	13.83	65	154051	40.602	ng		98
49) Acenaphthylene	14.47	152	735204	39.063	ng		100
50) Dimethylphthalate	14.19	163	596389	38.605	ng		99
51) 2,6-Dinitrotoluene	14.32	165	133403	39.035	ng		97
52) Acenaphthene	14.81	154	449996	38.822	ng		98
53) 3-Nitroaniline	14.65	138	148903	39.248	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	47740	45.008	ng		94
55) Dibenzofuran	15.14	168	712618	37.106	ng		99
56) 4-Nitrophenol	14.94	139	114057	40.615	ng		98
57) 2,4-Dinitrotoluene	15.10	165	181688	40.500	ng		95
58) Fluorene	15.79	166	541451	37.649	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	154766	38.580	ng		98
60) Diethylphthalate	15.55	149	617888	38.958	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	316103	37.710	ng		98
62) 4-Nitroaniline	15.82	138	150915	40.031	ng		93
63) Azobenzene	16.06	77	572651	37.842	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	93604	40.108	ng		97
66) n-Nitrosodiphenylamine	15.99	169	536750	38.421	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	194409	38.118	ng		98
68) Hexachlorobenzene	16.78	284	197967	37.452	ng		99
69) Atrazine	16.93	200	193381	38.286	ng		98
70) Pentachlorophenol	17.13	266	142167	40.153	ng		97
71) Phenanthrene	17.53	178	887295	37.591	ng		100
72) Anthracene	17.62	178	881109	38.038	ng		98
73) Carbazole	17.89	167	886742	38.270	ng		99
74) Di-n-butylphthalate	18.43	149	1027018	39.845	ng		100
75) Fluoranthene	19.54	202	1018985	38.063	ng		98
77) Benzidine	19.72	184	509557	36.773	ng		100
78) Pyrene	19.89	202	1032312	38.750	ng		100
80) Butylbenzylphthalate	20.77	149	456794	41.897	ng		97
81) Benzo(a)anthracene	21.75	228	925223	38.384	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	370087	39.611	ng		99
83) Chrysene	21.82	228	890962	38.440	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	637395	41.707	ng		99
85) Di-n-octyl phthalate	22.88	149	1051094	42.177	ng		99
86) Indeno(1,2,3-cd)pyrene	28.94	276	979287	39.392	ng		97
88) Benzo(b)fluoranthene	24.04	252	908068	37.825	ng		99
89) Benzo(k)fluoranthene	24.11	252	885263	37.638	ng		97
90) Benzo(a)pyrene	24.95	252	869193	38.102	ng		98
91) Dibenzo(a,h)anthracene	29.01	278	800691	38.051	ng	#	96
92) Benzo(g,h,i)perylene	30.15	276	810825	38.087	ng		98

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

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