Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037625.D
Acq On : 29 Oct 2018 16:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 29 17:42:45 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	64276	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	298425	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	192051	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	448595	20.00	ng		0.00
76) Chrysene-d12	21.77	240	386675	20.00	ng		0.00
87) Perylene-d12	25.11	264	408667	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	313496	81.54	ng		0.00
7) Phenol-d6	7.25	99	471151	81.04	ng		0.00
23) Nitrobenzene-d5	9.28	82	433303	81.34	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	174646	83.38	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1007226	79.09	ng		0.00
79) Terphenyl-d14	20.09	244	1437897	79.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	80731	41.407	ng		95
3) Pyridine	3.93	79	193607	39.398	ng		96
4) n-Nitrosodimethylamine	3.86	42	72953	41.680	ng	#	89
6) Aniline	7.43	93	284935	40.176	ng		98
8) 2-Chlorophenol	7.67	128	183441	40.786	ng		98
9) Benzaldehyde	7.24	77	132260	36.369	ng		97
10) Phenol	7.28	94	249460	40.669	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	183833	39.460	ng		97
12) 1,3-Dichlorobenzene	7.99	146	198597	39.663	ng		98
13) 1,4-Dichlorobenzene	8.14	146	202397	39.517	ng		98
14) 1,2-Dichlorobenzene	8.46	146	191046	38.777	ng		98
15) Benzyl Alcohol	8.34	79	174760	40.684	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	333169	39.969	ng		98
17) 2-Methylphenol	8.53	107	164946	40.675	ng		98
18) Hexachloroethane	9.19	117	71513	40.956	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	160129	40.000	ng		95
20) 3+4-Methylphenols	8.87	107	234805	40.499	ng		98
22) Acetophenone	8.93	105	291063	38.889	ng		97
24) Nitrobenzene	9.33	77	224177	40.508	ng		94
25) Isophorone	9.84	82	388555	39.919	ng		96
26) 2-Nitrophenol	10.03	139	113914	45.692	ng		96
27) 2,4-Dimethylphenol	10.07	122	176015	39.542	ng		99
28) bis(2-Chloroethoxy)methane	10.32	93	250749	39.319	ng		96
29) 2,4-Dichlorophenol	10.56	162	203899	41.140	ng		95
30) 1,2,4-Trichlorobenzene	10.79	180	213888	39.684	ng		97
31) Naphthalene	10.98	128	575455	39.259	ng		100
32) Benzoic acid	10.21	122	146118	50.539	ng		98
33) 4-Chloroaniline	11.09	127	275600	40.017	ng		96
34) Hexachlorobutadiene	11.24	225	127715	39.981	ng		95
35) Caprolactam	11.88	113	81758	41.131	ng		96
36) 4-Chloro-3-methylphenol	12.19	107	226726	40.563	ng		98
37) 2-Methylnaphthalene	12.57	142	418803	39.195	ng		99
38) 1-Methylnaphthalene	12.79	142	404489	38.981	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	251882	40.661	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	119192	40.281 ng		98
43) 2,4,6-Trichlorophenol	13.17	196	173989	42.041 ng		99
44) 2,4,5-Trichlorophenol	13.24	196	189555	42.068 ng		99
46) 1,1'-Biphenyl	13.58	154	633900	39.855 ng		100
47) 2-Chloronaphthalene	13.62	162	479213	39.825 ng		99
48) 2-Nitroaniline	13.83	65	155945	42.736 ng		96
49) Acenaphthylene	14.46	152	729724	40.314 ng		99
50) Dimethylphthalate	14.19	163	595088	40.053 ng		98
51) 2,6-Dinitrotoluene	14.32	165	138380	42.102 ng		96
52) Acenaphthene	14.80	154	441396	39.595 ng		98
53) 3-Nitroaniline	14.65	138	152227	41.720 ng	#	97
54) 2,4-Dinitrophenol	14.85	184	46714	45.500 ng		91
55) Dibenzofuran	15.13	168	729206	39.481 ng		99
56) 4-Nitrophenol	14.94	139	110487	40.909 ng		99
57) 2,4-Dinitrotoluene	15.10	165	191078	44.288 ng		96
58) Fluorene	15.79	166	545069	39.409 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	157696	40.875 ng		99
60) Diethylphthalate	15.54	149	614801	40.306 ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	317042	39.327 ng		98
62) 4-Nitroaniline	15.81	138	148011	40.823 ng		92
63) Azobenzene	16.07	77	570798	39.221 ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	98260	42.850 ng		100
66) n-Nitrosodiphenylamine	15.99	169	538821	39.931 ng		98
67) 4-Bromophenyl-phenylether	16.67	248	198586	40.311 ng		99
68) Hexachlorobenzene	16.78	284	200367	39.244 ng		98
69) Atrazine	16.93	200	191563	39.265 ng		98
70) Pentachlorophenol	17.12	266	138542	40.510 ng		97
71) Phenanthrene	17.53	178	884543	38.797 ng		100
72) Anthracene	17.62	178	869638	38.868 ng		98
73) Carbazole	17.89	167	883826	39.491 ng		99
74) Di-n-butylphthalate	18.43	149	1009551	40.550 ng		99
75) Fluoranthene	19.53	202	990735	38.314 ng		99
77) Benzidine	19.72	184	498664	37.927 ng		100
78) Pyrene	19.90	202	1019733	40.342 ng		100
80) Butylbenzylphthalate	20.77	149	452932	43.782 ng		95
81) Benzo(a)anthracene	21.75	228	923655	40.385 ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	374441	42.238 ng		97
83) Chrysene	21.82	228	883790	40.186 ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	635604	43.832 ng		99
85) Di-n-octyl phthalate	22.87	149	1037622	43.881 ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	927734	39.330 ng	#	91
88) Benzo(b)fluoranthene	24.04	252	896398	40.009 ng		99
89) Benzo(k)fluoranthene	24.11	252	877195	39.962 ng		97
90) Benzo(a)pyrene	24.95	252	855592	40.188 ng		99
91) Dibenzo(a,h)anthracene	29.01	278	750189	38.201 ng		97
92) Benzo(g,h,i)perylene	30.14	276	755868	38.045 ng		99

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

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