Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036853.D
Acq On : 21 Sep 2018 9:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 21 11:16:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	42636	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	212320	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	150640	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	388230	20.00	ng		0.00
75) Chrysene-d12	21.69	240	374568	20.00	ng		0.00
86) Perylene-d12	24.90	264	394108	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	183112	82.36	ng		0.00
7) Phenol-d6	7.21	99	285208	82.92	ng		0.00
23) Nitrobenzene-d5	9.21	82	314768	79.39	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	148329	82.30	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	781166	77.23	ng		0.00
78) Terphenyl-d14	20.03	244	1091698	76.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	43277	42.541	ng		97
3) Pyridine	3.92	79	126187	42.959	ng		99
4) n-Nitrosodimethylamine	3.84	42	54274	41.573	ng	#	97
6) Aniline	7.38	93	180146	40.363	ng		98
8) 2-Chlorophenol	7.61	128	106616	41.302	ng		97
9) Benzaldehyde	7.19	77	90092	39.638	ng		97
10) Phenol	7.24	94	150343	42.351	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	131599	40.076	ng		98
12) 1,3-Dichlorobenzene	7.94	146	126614	40.007	ng		99
13) 1,4-Dichlorobenzene	8.08	146	130657	40.343	ng		99
14) 1,2-Dichlorobenzene	8.41	146	124229	39.582	ng		98
15) Benzyl Alcohol	8.29	79	115116	41.246	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	255801	40.576	ng		98
17) 2-Methylphenol	8.49	107	101128	40.897	ng		98
18) Hexachloroethane	9.13	117	47879	40.173	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	119514	41.768	ng		99
20) 3+4-Methylphenols	8.82	107	145299	42.238	ng		99
22) Acetophenone	8.87	105	199261	39.936	ng		97
24) Nitrobenzene	9.25	77	163809	38.689	ng		99
25) Isophorone	9.77	82	296233	40.890	ng		99
26) 2-Nitrophenol	9.96	139	69940	41.442	ng		99
27) 2,4-Dimethylphenol	10.02	122	105516	40.137	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	175573	39.276	ng		95
29) 2,4-Dichlorophenol	10.50	162	129310	42.432	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	152201	39.908	ng		97
31) Naphthalene	10.90	128	393570	38.958	ng		99
32) Benzoic acid	10.17	122	63524	33.534	ng		93
33) 4-Chloroaniline	11.01	127	186108	40.518	ng		98
34) Hexachlorobutadiene	11.18	225	103465	39.230	ng		98
35) Caprolactam	11.80	113	53964	43.023	ng		94
36) 4-Chloro-3-methylphenol	12.13	107	160785	44.217	ng		97
37) 2-Methylnaphthalene	12.51	142	305880	39.755	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	204820	38.983	ng		98
40) Hexachlorocyclopentadiene	12.85	237	106693	39.484	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	123951	42.484 ng		95
43) 2,4,5-Trichlorophenol	13.18	196	132328	42.535 ng		98
45) 1,1'-Biphenyl	13.51	154	450000	39.005 ng		100
46) 2-Chloronaphthalene	13.55	162	357981	39.457 ng		98
47) 2-Nitroaniline	13.76	65	128380	40.910 ng		99
48) Acenaphthylene	14.40	152	565243	39.758 ng		98
49) Dimethylphthalate	14.13	163	478561	39.467 ng		99
50) 2,6-Dinitrotoluene	14.25	165	108679	41.080 ng		92
51) Acenaphthene	14.74	154	342549	39.866 ng		99
52) 3-Nitroaniline	14.58	138	113176	40.597 ng		100
53) 2,4-Dinitrophenol	14.79	184	45778	41.041 ng		97
54) Dibenzofuran	15.07	168	577397	39.727 ng		98
55) 4-Nitrophenol	14.89	139	73304	41.160 ng		98
56) 2,4-Dinitrotoluene	15.04	165	150419	40.746 ng		89
57) Fluorene	15.72	166	429561	39.543 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	132872	42.102 ng		94
59) Diethylphthalate	15.49	149	485745	39.718 ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	275205	40.003 ng		98
61) 4-Nitroaniline	15.75	138	119085	40.611 ng		96
62) Azobenzene	16.01	77	474069	40.343 ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	86316	42.526 ng		99
65) n-Nitrosodiphenylamine	15.93	169	428754	40.003 ng		96
66) 4-Bromophenyl-phenylether	16.61	248	179297	40.603 ng		99
67) Hexachlorobenzene	16.73	284	182307	40.085 ng		98
68) Atrazine	16.87	200	171317	39.476 ng		97
69) Pentachlorophenol	17.07	266	119012	41.562 ng		97
70) Phenanthrene	17.47	178	739583	39.532 ng		98
71) Anthracene	17.55	178	724785	39.179 ng		100
72) Carbazole	17.82	167	711225	39.432 ng		99
73) Di-n-butylphthalate	18.38	149	793226	39.601 ng		99
74) Fluoranthene	19.47	202	877308	38.957 ng		100
76) Benzidine	19.65	184	569627	50.307 ng		100
77) Pyrene	19.83	202	883044	39.286 ng		100
79) Butylbenzylphthalate	20.71	149	354173	39.532 ng		92
80) Benzo(a)anthracene	21.67	228	846281	38.704 ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	342080	41.102 ng		99
82) Chrysene	21.74	228	813913	38.526 ng		100
83) Bis(2-ethylhexyl)phthalate	21.57	149	490635	39.201 ng		100
84) Di-n-octyl phthalate	22.78	149	818720	39.730 ng		98
85) Indeno(1,2,3-cd)pyrene	28.55	276	934672	41.200 ng	#	95
87) Benzo(b)fluoranthene	23.88	252	837284	39.865 ng		99
88) Benzo(k)fluoranthene	23.95	252	795429	37.749 ng		100
89) Benzo(a)pyrene	24.75	252	792950	39.052 ng		99
90) Dibenzo(a,h)anthracene	28.62	278	763690	40.130 ng		99
91) Benzo(g,h,i)perylene	29.71	276	768002	40.212 ng		97

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

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