Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036965.D
Acq On : 26 Sep 2018 2:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 26 02:37:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51362	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	231346	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	148573	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	369014	20.00	ng		0.00
75) Chrysene-d12	21.68	240	371023	20.00	ng		0.00
86) Perylene-d12	24.89	264	382145	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	242528	90.56	ng		0.00
7) Phenol-d6	7.20	99	350347	84.55	ng		-0.01
23) Nitrobenzene-d5	9.21	82	366662	84.87	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	148236	83.39	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	802451	80.44	ng		0.00
78) Terphenyl-d14	20.02	244	1063330	75.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	56406	46.027	ng		98
3) Pyridine	3.92	79	158789	44.874	ng		94
4) n-Nitrosodimethylamine	3.84	42	73732	46.882	ng	#	91
6) Aniline	7.37	93	217051	40.369	ng		99
8) 2-Chlorophenol	7.61	128	134216	43.160	ng		94
9) Benzaldehyde	7.18	77	108011	39.448	ng		98
10) Phenol	7.23	94	183892	43.001	ng		94
11) bis(2-Chloroethyl)ether	7.46	93	151724	38.355	ng		97
12) 1,3-Dichlorobenzene	7.93	146	154497	40.524	ng		97
13) 1,4-Dichlorobenzene	8.08	146	155326	39.812	ng		100
14) 1,2-Dichlorobenzene	8.39	146	149545	39.553	ng		96
15) Benzyl Alcohol	8.28	79	140706	41.850	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	304195	40.055	ng		98
17) 2-Methylphenol	8.48	107	120406	40.421	ng		96
18) Hexachloroethane	9.12	117	59926	41.738	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	132553	38.454	ng		99
20) 3+4-Methylphenols	8.81	107	170909	41.242	ng		98
22) Acetophenone	8.86	105	225252	41.433	ng		95
24) Nitrobenzene	9.25	77	190503	41.293	ng		98
25) Isophorone	9.77	82	322533	40.859	ng		98
26) 2-Nitrophenol	9.96	139	83985	45.671	ng		99
27) 2,4-Dimethylphenol	10.02	122	119144	41.594	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	193464	39.719	ng		95
29) 2,4-Dichlorophenol	10.49	162	146364	44.078	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	165471	39.820	ng		99
31) Naphthalene	10.90	128	433738	39.403	ng		100
32) Benzoic acid	10.16	122	75414	36.016	ng		97
33) 4-Chloroaniline	11.00	127	194098	38.782	ng		97
34) Hexachlorobutadiene	11.18	225	116606	40.576	ng		97
35) Caprolactam	11.79	113	54074	39.565	ng		92
36) 4-Chloro-3-methylphenol	12.13	107	170206	42.958	ng		98
37) 2-Methylnaphthalene	12.50	142	323980	38.645	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	214012	41.299	ng		99
40) Hexachlorocyclopentadiene	12.84	237	102556	38.481	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	130240	45.261 ng	96
43) 2,4,5-Trichlorophenol	13.18	196	141897	46.245 ng	98
45) 1,1'-Biphenyl	13.51	154	462279	40.627 ng	97
46) 2-Chloronaphthalene	13.55	162	362990	40.565 ng	99
47) 2-Nitroaniline	13.75	65	136076	43.965 ng	96
48) Acenaphthylene	14.39	152	567109	40.444 ng	98
49) Dimethylphthalate	14.12	163	469591	39.266 ng	99
50) 2,6-Dinitrotoluene	14.24	165	105094	40.277 ng	99
51) Acenaphthene	14.73	154	339490	40.060 ng	99
52) 3-Nitroaniline	14.58	138	114438	41.621 ng	98
53) 2,4-Dinitrophenol	14.79	184	43077	39.508 ng	94
54) Dibenzofuran	15.07	168	569565	39.734 ng	99
55) 4-Nitrophenol	14.88	139	77695	44.233 ng	98
56) 2,4-Dinitrotoluene	15.03	165	147108	40.404 ng	95
57) Fluorene	15.72	166	424475	39.618 ng	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	138321	44.438 ng	97
59) Diethylphthalate	15.48	149	468707	38.858 ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	268828	39.620 ng	99
61) 4-Nitroaniline	15.74	138	116690	40.347 ng	96
62) Azobenzene	16.00	77	475185	41.000 ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	80730	41.845 ng	96
65) n-Nitrosodiphenylamine	15.92	169	416999	40.933 ng	98
66) 4-Bromophenyl-phenylether	16.60	248	169487	40.380 ng	100
67) Hexachlorobenzene	16.72	284	169978	39.320 ng	99
68) Atrazine	16.87	200	160773	38.976 ng	99
69) Pentachlorophenol	17.06	266	113335	41.641 ng	96
70) Phenanthrene	17.45	178	701861	39.469 ng	98
71) Anthracene	17.55	178	704305	40.055 ng	100
72) Carbazole	17.82	167	689507	40.218 ng	99
73) Di-n-butylphthalate	18.37	149	777850	40.855 ng	99
74) Fluoranthene	19.46	202	846095	39.527 ng	99
76) Benzidine	19.65	184	505566	45.076 ng	99
77) Pyrene	19.82	202	852277	38.280 ng	100
79) Butylbenzylphthalate	20.70	149	361335	40.716 ng	98
80) Benzo(a)anthracene	21.66	228	842822	38.914 ng	100
81) 3,3'-Dichlorobenzidine	21.58	252	329123	39.923 ng	99
82) Chrysene	21.73	228	811955	38.801 ng	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	496453	40.045 ng	100
84) Di-n-octyl phthalate	22.77	149	831283	40.725 ng	100
85) Indeno(1,2,3-cd)pyrene	28.54	276	919122	40.902 ng	99
87) Benzo(b)fluoranthene	23.87	252	789581	38.771 ng	97
88) Benzo(k)fluoranthene	23.94	252	792719	38.798 ng	99
89) Benzo(a)pyrene	24.74	252	782969	39.767 ng	99
90) Dibenzo(a,h)anthracene	28.60	278	744521	40.348 ng	99
91) Benzo(g,h,i)perylene	29.68	276	750435	40.522 ng	97

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

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