Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
Data File : BG037141.D
Acq On : 4 Oct 2018 1:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Quant Time: Oct 04 04:28:18 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

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10/4/2018 12:59:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49826	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	221638	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	133594	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	317841	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	310497	20.00	ng		-0.01
86) Perylene-d12	24.87	264	325029	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	232530	89.50	ng		0.00
7) Phenol-d6	7.20	99	338440	84.20	ng		-0.01
23) Nitrobenzene-d5	9.20	82	344161	83.15	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	119327	74.66	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	727939	81.16	ng		-0.01
78) Terphenyl-d14	20.02	244	895962	75.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	58374	49.101	ng		99
3) Pyridine	3.93	79	153450	44.702	ng		99
4) n-Nitrosodimethylamine	3.85	42	64239	42.105	ng	#	98
6) Aniline	7.37	93	199834	38.313	ng		98
8) 2-Chlorophenol	7.61	128	126045	41.782	ng		96
9) Benzaldehyde	7.18	77	101824	38.335	ng		99
10) Phenol	7.23	94	173332	41.781	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	150273	39.160	ng		97
12) 1,3-Dichlorobenzene	7.93	146	153723	41.564	ng		99
13) 1,4-Dichlorobenzene	8.08	146	150149	39.671	ng		99
14) 1,2-Dichlorobenzene	8.39	146	148294	40.432	ng		96
15) Benzyl Alcohol	8.28	79	118597	36.361	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	286813	38.930	ng		96
17) 2-Methylphenol	8.48	107	111608	38.622	ng		98
18) Hexachloroethane	9.12	117	61339	44.040	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	121206	36.246	ng		99
20) 3+4-Methylphenols	8.80	107	156109	38.832	ng		96
22) Acetophenone	8.86	105	205909	39.534	ng	#	98
24) Nitrobenzene	9.25	77	175480	39.703	ng		99
25) Isophorone	9.76	82	291967	38.607	ng		99
26) 2-Nitrophenol	9.96	139	77004	43.709	ng		93
27) 2,4-Dimethylphenol	10.01	122	103739	37.802	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	185734	39.802	ng		100
29) 2,4-Dichlorophenol	10.49	162	134020	42.128	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	160959	40.430	ng		99
31) Naphthalene	10.89	128	415420	39.392	ng		99
32) Benzoic acid	10.15	122	40673m	22.818	ng		
33) 4-Chloroaniline	11.00	127	176137	36.735	ng		99
34) Hexachlorobutadiene	11.17	225	111876	40.636	ng		98
35) Caprolactam	11.78	113	45049	34.406	ng	#	86
36) 4-Chloro-3-methylphenol	12.12	107	144073	37.955	ng		99
37) 2-Methylnaphthalene	12.49	142	301035	37.480	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	190357	40.853	ng		99
40) Hexachlorocyclopentadiene	12.84	237	84670	35.332	ng		100

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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)
42) 2,4,6-Trichlorophenol	13.10	196	105416	40.741 ng	99
43) 2,4,5-Trichlorophenol	13.17	196	112287	40.698 ng	97
45) 1,1'-Biphenyl	13.50	154	415143	40.575 ng	98
46) 2-Chloronaphthalene	13.54	162	329470	40.948 ng	99
47) 2-Nitroaniline	13.75	65	110003	39.526 ng	96
48) Acenaphthylene	14.39	152	506098	40.140 ng	98
49) Dimethylphthalate	14.12	163	400529	37.247 ng	98
50) 2,6-Dinitrotoluene	14.24	165	92332	39.354 ng	93
51) Acenaphthene	14.73	154	299988	39.367 ng	99
52) 3-Nitroaniline	14.57	138	93421	37.787 ng	98
53) 2,4-Dinitrophenol	14.79	184	15491	20.391 ng	93
54) Dibenzofuran	15.06	168	502428	38.980 ng	100
55) 4-Nitrophenol	14.89	139	51126	32.370 ng	96
56) 2,4-Dinitrotoluene	15.03	165	125822	38.432 ng	91
57) Fluorene	15.71	166	372735	38.690 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	101178	36.150 ng	97
59) Diethylphthalate	15.47	149	406776	37.505 ng	98
60) 4-Chlorophenyl-phenylether	15.70	204	228666	37.479 ng	98
61) 4-Nitroaniline	15.73	138	97402	37.454 ng	94
62) Azobenzene	16.00	77	407629	39.115 ng	97
64) 4,6-Dinitro-2-methylphenol	15.79	198	62226	37.447 ng	97
65) n-Nitrosodiphenylamine	15.91	169	353927	40.335 ng	98
66) 4-Bromophenyl-phenylether	16.60	248	139765	38.660 ng	96
67) Hexachlorobenzene	16.71	284	145444	39.061 ng	98
68) Atrazine	16.86	200	132458	37.281 ng	99
69) Pentachlorophenol	17.06	266	79604	33.956 ng	97
70) Phenanthrene	17.45	178	605459	39.530 ng	99
71) Anthracene	17.54	178	611544	40.379 ng	99
72) Carbazole	17.81	167	591068	40.027 ng	99
73) Di-n-butylphthalate	18.36	149	671151	40.927 ng	98
74) Fluoranthene	19.46	202	715826	38.826 ng	99
76) Benzidine	19.64	184	305009	32.495 ng	98
77) Pyrene	19.82	202	731425	39.255 ng	99
79) Butylbenzylphthalate	20.70	149	311734	41.975 ng	92
80) Benzo(a)anthracene	21.65	228	700562	38.651 ng	99
81) 3,3'-Dichlorobenzidine	21.57	252	268381	38.901 ng	98
82) Chrysene	21.72	228	691494	39.486 ng	100
83) Bis(2-ethylhexyl)phthalate	21.55	149	433100	41.745 ng	98
84) Di-n-octyl phthalate	22.76	149	723643	42.363 ng	98
85) Indeno(1,2,3-cd)pyrene	28.52	276	761348	40.485 ng	99
87) Benzo(b)fluoranthene	23.86	252	663919	38.329 ng	95
88) Benzo(k)fluoranthene	23.93	252	701330	40.357 ng	98
89) Benzo(a)pyrene	24.73	252	661578	39.506 ng	99
90) Dibenzo(a,h)anthracene	28.58	278	632859	40.323 ng	99
91) Benzo(g,h,i)perylene	29.65	276	622528	39.522 ng	98

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

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