Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038116.D
Acq On : 21 Nov 2018 13:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Nov 21 14:01:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	54211	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	242238	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	145996	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	322140	20.00	ng		0.00
76) Chrysene-d12	21.76	240	295512	20.00	ng		0.00
87) Perylene-d12	25.08	264	320654	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	261347	83.24	ng		0.00
7) Phenol-d6	7.23	99	377675	84.27	ng		0.00
23) Nitrobenzene-d5	9.27	82	383070	84.65	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	129453	77.75	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	806968	80.52	ng		0.00
79) Terphenyl-d14	20.07	244	1021854	81.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	57405	38.707	ng		98
3) Pyridine	3.92	79	166750	39.416	ng		97
4) n-Nitrosodimethylamine	3.85	42	68904	44.894	ng		99
6) Aniline	7.41	93	238720	41.269	ng		98
8) 2-Chlorophenol	7.65	128	156618	42.989	ng		98
9) Benzaldehyde	7.23	77	125355	38.675	ng		94
10) Phenol	7.26	94	202870	42.734	ng		98
11) bis(2-Chloroethyl)ether	7.51	93	164133	42.350	ng		98
12) 1,3-Dichlorobenzene	7.97	146	173613	41.365	ng		99
13) 1,4-Dichlorobenzene	8.13	146	174101	41.064	ng		98
14) 1,2-Dichlorobenzene	8.44	146	162964	40.260	ng		99
15) Benzyl Alcohol	8.33	79	145658	44.914	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	327801	45.549	ng		98
17) 2-Methylphenol	8.52	107	138204	43.060	ng		99
18) Hexachloroethane	9.17	117	64309	41.678	ng		97
19) n-Nitroso-di-n-propylamine	8.90	70	134325	41.420	ng		96
20) 3+4-Methylphenols	8.85	107	191473	42.083	ng		98
22) Acetophenone	8.92	105	246143	40.840	ng	#	98
24) Nitrobenzene	9.31	77	195595	42.253	ng		98
25) Isophorone	9.82	82	329423	40.445	ng		97
26) 2-Nitrophenol	10.02	139	97329	42.116	ng		99
27) 2,4-Dimethylphenol	10.06	122	144752	41.572	ng		97
28) bis(2-Chloroethoxy)methane	10.31	93	212985	40.893	ng		99
29) 2,4-Dichlorophenol	10.55	162	163342	41.706	ng		99
30) 1,2,4-Trichlorobenzene	10.76	180	178810	40.742	ng		99
31) Naphthalene	10.96	128	480485	40.328	ng		100
32) Benzoic acid	10.18	122	37570	24.785	ng		95
33) 4-Chloroaniline	11.07	127	220918	39.861	ng		98
34) Hexachlorobutadiene	11.22	225	109415	40.508	ng		99
35) Caprolactam	11.87	113	59891	38.204	ng	#	82
36) 4-Chloro-3-methylphenol	12.17	107	174502	40.783	ng		98
37) 2-Methylnaphthalene	12.56	142	343250	40.108	ng		99
38) 1-Methylnaphthalene	12.77	142	331198	40.204	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	201273	41.257	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	98190	37.587	ng		100
43) 2,4,6-Trichlorophenol	13.15	196	134590	40.486	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	140501	40.167	ng		97
46) 1,1'-Biphenyl	13.55	154	499903	40.758	ng		99
47) 2-Chloronaphthalene	13.61	162	381713	40.784	ng		100
48) 2-Nitroaniline	13.81	65	129059	43.813	ng		97
49) Acenaphthylene	14.45	152	572144	40.651	ng		99
50) Dimethylphthalate	14.17	163	461980	39.915	ng		100
51) 2,6-Dinitrotoluene	14.31	165	108753	41.516	ng		97
52) Acenaphthene	14.79	154	343331	40.520	ng		98
53) 3-Nitroaniline	14.64	138	115788	40.057	ng	#	99
54) 2,4-Dinitrophenol	14.84	184	17831	20.433	ng		94
55) Dibenzofuran	15.12	168	559074	39.903	ng		98
56) 4-Nitrophenol	14.93	139	76461	34.297	ng		95
57) 2,4-Dinitrotoluene	15.09	165	148646	41.706	ng		98
58) Fluorene	15.77	166	414279	39.630	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113311	38.713	ng		97
60) Diethylphthalate	15.52	149	492454	40.058	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	240184	39.266	ng		96
62) 4-Nitroaniline	15.80	138	117873	41.049	ng		96
63) Azobenzene	16.05	77	450011	40.941	ng		96
65) 4,6-Dinitro-2-methylphenol	15.85	198	46358	22.752	ng		97
66) n-Nitrosodiphenylamine	15.98	169	404672	41.523	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	149358	42.242	ng		98
68) Hexachlorobenzene	16.76	284	152812	41.871	ng		98
69) Atrazine	16.92	200	148097	41.223	ng		100
70) Pentachlorophenol	17.11	266	71881	29.000	ng		95
71) Phenanthrene	17.51	178	676263	41.003	ng		100
72) Anthracene	17.60	178	673518	41.427	ng		99
73) Carbazole	17.88	167	670842	41.127	ng		99
74) Di-n-butylphthalate	18.41	149	780896	42.648	ng		99
75) Fluoranthene	19.52	202	774687	41.169	ng		100
77) Benzidine	19.70	184	384880	37.117	ng		99
78) Pyrene	19.88	202	792949	41.041	ng		98
80) Butylbenzylphthalate	20.75	149	359290	42.523	ng		98
81) Benzo(a)anthracene	21.73	228	738346	41.345	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	289364	41.597	ng		100
83) Chrysene	21.80	228	704304	41.220	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	507744	42.138	ng		100
85) Di-n-octyl phthalate	22.84	149	849279	43.567	ng		100
86) Indeno(1,2,3-cd)pyrene	28.88	276	763637	40.241	ng		99
88) Benzo(b)fluoranthene	24.01	252	719689	40.785	ng		99
89) Benzo(k)fluoranthene	24.08	252	713769	40.993	ng		98
90) Benzo(a)pyrene	24.92	252	702942	41.684	ng		99
91) Dibenzo(a,h)anthracene	28.96	278	629526	38.798	ng		98
92) Benzo(g,h,i)perylene	30.10	276	603652	37.416	ng		98

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

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