Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036729.D
Acq On : 15 Sep 2018 7:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 17 03:46:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	73840	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	326885	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	217894	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	539930	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	522523	20.00	ng	-0.01
86) Perylene-d12	24.89	264	545879	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	360831	77.52	ng	0.00
7) Phenol-d6	7.21	99	529032	79.38	ng	0.00
23) Nitrobenzene-d5	9.22	82	522047	86.65	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	239674	92.18	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1174474	76.96	ng	-0.01
78) Terphenyl-d14	20.03	244	1691230	75.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	77001	35.446	ng	97
3) Pyridine	3.93	79	232078	38.060	ng	98
4) n-Nitrosodimethylamine	3.84	42	101077	37.216	ng	96
6) Aniline	7.38	93	324308	38.336	ng	99
8) 2-Chlorophenol	7.61	128	196834	38.993	ng	97
9) Benzaldehyde	7.19	77	166628	36.307	ng	99
10) Phenol	7.24	94	274945	39.422	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	210319	38.037	ng	99
12) 1,3-Dichlorobenzene	7.94	146	223428	38.763	ng	99
13) 1,4-Dichlorobenzene	8.09	146	229110	39.369	ng	99
14) 1,2-Dichlorobenzene	8.41	146	214530	38.600	ng	98
15) Benzyl Alcohol	8.29	79	212444	39.542	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	403513	36.187	ng	99
17) 2-Methylphenol	8.49	107	180605	38.999	ng	92
18) Hexachloroethane	9.13	117	84725	40.607	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	191307	38.408	ng	95
20) 3+4-Methylphenols	8.82	107	259308	40.106	ng	99
22) Acetophenone	8.88	105	325586	37.930	ng	99
24) Nitrobenzene	9.26	77	266311	40.992	ng	97
25) Isophorone	9.78	82	466168	38.950	ng	96
26) 2-Nitrophenol	9.97	139	127465	49.512	ng	96
27) 2,4-Dimethylphenol	10.02	122	181754	38.133	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	281037	38.260	ng	99
29) 2,4-Dichlorophenol	10.50	162	223570	42.800	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	246272	40.301	ng	99
31) Naphthalene	10.91	128	631989	38.676	ng	99
32) Benzoic acid	10.16	122	115050	33.999	ng	98
33) 4-Chloroaniline	11.01	127	299583	40.009	ng	98
34) Hexachlorobutadiene	11.19	225	172198	41.941	ng	98
35) Caprolactam	11.80	113	84941	40.820	ng	98
36) 4-Chloro-3-methylphenol	12.12	107	256907	42.327	ng	100
37) 2-Methylnaphthalene	12.51	142	480149	40.158	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	308754	40.041	ng	98
40) Hexachlorocyclopentadiene	12.85	237	170901	42.597	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	199694	42.514	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	215253	42.964	ng		99
45) 1,1'-Biphenyl	13.51	154	688089	38.043	ng		99
46) 2-Chloronaphthalene	13.56	162	533380	38.629	ng		99
47) 2-Nitroaniline	13.75	65	193350	44.593	ng		98
48) Acenaphthylene	14.40	152	826245	38.288	ng		99
49) Dimethylphthalate	14.13	163	693589	38.983	ng		98
50) 2,6-Dinitrotoluene	14.25	165	157599	43.046	ng		93
51) Acenaphthene	14.74	154	504366	36.494	ng		99
52) 3-Nitroaniline	14.58	138	171143	43.378	ng		100
53) 2,4-Dinitrophenol	14.78	184	80101	57.761	ng		97
54) Dibenzofuran	15.07	168	835926	38.607	ng		99
55) 4-Nitrophenol	14.88	139	140106	43.432	ng		97
56) 2,4-Dinitrotoluene	15.03	165	221549	46.431	ng		91
57) Fluorene	15.72	166	622468	38.457	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	210135	44.642	ng		94
59) Diethylphthalate	15.49	149	692988	38.648	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	405677	40.589	ng		99
61) 4-Nitroaniline	15.74	138	174847	42.351	ng		97
62) Azobenzene	16.01	77	671616	36.813	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	129858	54.751	ng		98
65) n-Nitrosodiphenylamine	15.93	169	615674	38.376	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	261214	41.322	ng		99
67) Hexachlorobenzene	16.73	284	265883	41.133	ng		97
68) Atrazine	16.87	200	200689	33.327	ng		98
69) Pentachlorophenol	17.07	266	178767	40.692	ng		99
70) Phenanthrene	17.47	178	1040437	37.923	ng		98
71) Anthracene	17.55	178	1030540	37.682	ng		97
72) Carbazole	17.82	167	1006914	36.867	ng		100
73) Di-n-butylphthalate	18.38	149	1096262	36.044	ng		98
74) Fluoranthene	19.47	202	1226729	36.674	ng		99
76) Benzidine	19.65	184	605991	36.350	ng		100
77) Pyrene	19.83	202	1223247	38.069	ng		97
79) Butylbenzylphthalate	20.71	149	503787	39.396	ng		96
80) Benzo(a)anthracene	21.67	228	1205222	38.073	ng		97
81) 3,3'-Dichlorobenzidine	21.58	252	492497	39.038	ng		97
82) Chrysene	21.73	228	1138470	37.943	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	680218	38.013	ng		98
84) Di-n-octyl phthalate	22.78	149	1143840	38.269	ng		99
85) Indeno(1,2,3-cd)pyrene	28.55	276	1373441	39.410	ng	#	95
87) Benzo(b)fluoranthene	23.88	252	1164949	38.431	ng		97
88) Benzo(k)fluoranthene	23.95	252	1175873	39.706	ng		97
89) Benzo(a)pyrene	24.75	252	1140925	39.169	ng		99
90) Dibenzo(a,h)anthracene	28.60	278	1104042	39.261	ng		98
91) Benzo(g,h,i)perylene	29.69	276	1121112	39.673	ng		97

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

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