Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036594.D
Acq On : 7 Sep 2018 13:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 07 16:53:24 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	8.06	152	64379	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	305402	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	207260	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	504821	20.00	ng		0.00
75) Chrysene-d12	21.69	240	504922	20.00	ng		0.00
86) Perylene-d12	24.90	264	532029	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	312713	77.05	ng		0.00
7) Phenol-d6	7.21	99	474118	81.59	ng		0.00
23) Nitrobenzene-d5	9.22	82	480100	85.29	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	211631	85.57	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1116196	76.89	ng		0.00
78) Terphenyl-d14	20.03	244	1643377	76.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	66562	35.143	ng		95
3) Pyridine	3.93	79	199024	37.435	ng		95
4) n-Nitrosodimethylamine	3.84	42	87798	37.078	ng		97
6) Aniline	7.38	93	285710	38.737	ng		98
8) 2-Chlorophenol	7.62	128	173393	39.397	ng		97
9) Benzaldehyde	7.20	77	148626	37.143	ng		96
10) Phenol	7.24	94	246098	40.471	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	186729	38.734	ng		99
12) 1,3-Dichlorobenzene	7.95	146	192499	38.305	ng		98
13) 1,4-Dichlorobenzene	8.09	146	194913	38.415	ng		99
14) 1,2-Dichlorobenzene	8.41	146	186392	38.466	ng		98
15) Benzyl Alcohol	8.29	79	189238	40.399	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	352768	36.285	ng		100
17) 2-Methylphenol	8.49	107	162808	40.322	ng		98
18) Hexachloroethane	9.14	117	70729	38.880	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	168088	38.706	ng		93
20) 3+4-Methylphenols	8.82	107	232921	41.319	ng		97
22) Acetophenone	8.88	105	289159	36.056	ng	#	99
24) Nitrobenzene	9.26	77	237122	39.066	ng		94
25) Isophorone	9.78	82	406820	36.382	ng		97
26) 2-Nitrophenol	9.97	139	109044	45.336	ng		96
27) 2,4-Dimethylphenol	10.03	122	165226	37.104	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	254082	37.024	ng		99
29) 2,4-Dichlorophenol	10.50	162	203367	41.671	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	220317	38.590	ng		97
31) Naphthalene	10.91	128	574878	37.656	ng		99
32) Benzoic acid	10.16	122	116170	36.383	ng		98
33) 4-Chloroaniline	11.01	127	270577	38.677	ng		98
34) Hexachlorobutadiene	11.20	225	152010	39.629	ng		98
35) Caprolactam	11.80	113	76067	39.127	ng	#	85
36) 4-Chloro-3-methylphenol	12.13	107	228275	40.255	ng		98
37) 2-Methylnaphthalene	12.51	142	441285	39.504	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	282876	38.567	ng		99
40) Hexachlorocyclopentadiene	12.86	237	135477	35.500	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	180599	40.421	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	187410	39.326	ng		98
45) 1,1'-Biphenyl	13.52	154	629535	36.592	ng		99
46) 2-Chloronaphthalene	13.56	162	493082	37.543	ng		99
47) 2-Nitroaniline	13.76	65	172842	41.908	ng		99
48) Acenaphthylene	14.40	152	767317	37.382	ng		99
49) Dimethylphthalate	14.13	163	634778	37.508	ng		98
50) 2,6-Dinitrotoluene	14.25	165	143465	41.196	ng		98
51) Acenaphthene	14.74	154	490356	37.301	ng		99
52) 3-Nitroaniline	14.58	138	153194	40.821	ng		98
53) 2,4-Dinitrophenol	14.78	184	43659	33.098	ng		95
54) Dibenzofuran	15.08	168	773862	37.575	ng		99
55) 4-Nitrophenol	14.88	139	104762	34.142	ng		100
56) 2,4-Dinitrotoluene	15.04	165	198845	43.811	ng		92
57) Fluorene	15.73	166	576555	37.448	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	185370	41.401	ng		95
59) Diethylphthalate	15.50	149	632579	37.089	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	374694	39.412	ng		99
61) 4-Nitroaniline	15.75	138	156168	39.767	ng		94
62) Azobenzene	16.01	77	617924	35.608	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	98829	44.566	ng		92
65) n-Nitrosodiphenylamine	15.93	169	572036	38.136	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	240611	40.710	ng		99
67) Hexachlorobenzene	16.73	284	246457	40.780	ng		97
68) Atrazine	16.88	200	192335	34.161	ng		99
69) Pentachlorophenol	17.07	266	157650	38.381	ng		99
70) Phenanthrene	17.47	178	962134	37.508	ng		98
71) Anthracene	17.56	178	958669	37.492	ng		99
72) Carbazole	17.82	167	922285	36.116	ng		99
73) Di-n-butylphthalate	18.38	149	1023948	36.008	ng		99
74) Fluoranthene	19.47	202	1144790	36.605	ng		99
76) Benzidine	19.65	184	601879	37.362	ng		99
77) Pyrene	19.83	202	1155120	37.202	ng		98
79) Butylbenzylphthalate	20.71	149	467772	37.855	ng		97
80) Benzo(a)anthracene	21.67	228	1142476	37.349	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	452479	37.116	ng		95
82) Chrysene	21.74	228	1080922	37.281	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	635965	36.779	ng		99
84) Di-n-octyl phthalate	22.79	149	1079542	37.377	ng		98
85) Indeno(1,2,3-cd)pyrene	28.55	276	1233407	36.625	ng	#	97
87) Benzo(b)fluoranthene	23.88	252	1125526	38.097	ng		98
88) Benzo(k)fluoranthene	23.95	252	1110086	38.461	ng		99
89) Benzo(a)pyrene	24.75	252	1076836	37.931	ng		99
90) Dibenzo(a,h)anthracene	28.62	278	986512	35.995	ng		99
91) Benzo(g,h,i)perylene	29.69	276	961702	34.918	ng		96

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

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