Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042983.D
Acq On : 2 Oct 2019 13:54
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 03 04:25:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69194	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	282834	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	209587	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	499181	20.00	ng		0.00
76) Chrysene-d12	21.71	240	527580	20.00	ng		0.00
87) Perylene-d12	24.93	264	617751	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	309913	79.93	ng		0.00
7) Phenol-d6	7.24	99	455297	81.54	ng		0.00
23) Nitrobenzene-d5	9.23	82	455863	78.34	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	304579	84.51	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1117271	77.28	ng		0.00
79) Terphenyl-d14	20.04	244	2054176	82.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	61139	37.821	ng		93
3) Pyridine	3.95	79	175882	38.684	ng		96
4) n-Nitrosodimethylamine	3.86	42	86833	39.714	ng		92
6) Aniline	7.40	93	260958	38.718	ng		98
8) 2-Chlorophenol	7.64	128	164896	40.781	ng		97
9) Benzaldehyde	7.21	77	131040	38.407	ng		87
10) Phenol	7.26	94	207013	40.411	ng		99
11) bis(2-Chloroethyl)ether	7.49	93	156240	39.420	ng		96
12) 1,3-Dichlorobenzene	7.96	146	205992	39.935	ng		99
13) 1,4-Dichlorobenzene	8.10	146	202776	39.435	ng		99
14) 1,2-Dichlorobenzene	8.43	146	196367	40.112	ng		94
15) Benzyl Alcohol	8.31	79	166920	39.763	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	265512	34.882	ng		98
17) 2-Methylphenol	8.52	107	147777	41.228	ng		94
18) Hexachloroethane	9.16	117	75190	38.826	ng		97
19) n-Nitroso-di-n-propylamine	8.87	70	142414	38.845	ng		97
20) 3+4-Methylphenols	8.85	107	201247	40.970	ng		98
22) Acetophenone	8.89	105	280820	38.518	ng	#	96
24) Nitrobenzene	9.27	77	212254	38.241	ng		98
25) Isophorone	9.80	82	395189	38.663	ng		98
26) 2-Nitrophenol	9.99	139	98754	41.795	ng		95
27) 2,4-Dimethylphenol	10.04	122	141608	39.025	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	221560	38.205	ng		98
29) 2,4-Dichlorophenol	10.52	162	187637	41.578	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	227881	39.102	ng		99
31) Naphthalene	10.93	128	541611	38.901	ng		99
32) Benzoic acid	10.19	122	122943	44.265	ng		98
33) 4-Chloroaniline	11.03	127	244528	40.475	ng		98
34) Hexachlorobutadiene	11.21	225	165617	37.954	ng		97
35) Caprolactam	11.81	113	66357	41.695	ng		90
36) 4-Chloro-3-methylphenol	12.15	107	203356	41.443	ng		98
37) 2-Methylnaphthalene	12.52	142	417665	39.323	ng		96
38) 1-Methylnaphthalene	12.74	142	394589	39.261	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	297939	37.808	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	193785	38.595	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	183530	39.791	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	191595	40.323	ng	97
46) 1,1'-Biphenyl	13.53	154	599646	37.728	ng	98
47) 2-Chloronaphthalene	13.57	162	463551	38.900	ng	99
48) 2-Nitroaniline	13.77	65	158772	40.066	ng	93
49) Acenaphthylene	14.42	152	720344	39.506	ng	99
50) Dimethylphthalate	14.14	163	597222	38.031	ng	99
51) 2,6-Dinitrotoluene	14.26	165	133598	39.949	ng	93
52) Acenaphthene	14.76	154	488391	40.016	ng	100
53) 3-Nitroaniline	14.59	138	138996	40.218	ng	99
54) 2,4-Dinitrophenol	14.79	184	78687	37.854	ng	93
55) Dibenzofuran	15.09	168	707317	39.177	ng	98
56) 4-Nitrophenol	14.90	139	105750	40.159	ng	97
57) 2,4-Dinitrotoluene	15.04	165	194993	39.817	ng	97
58) Fluorene	15.74	166	598764	38.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	203984	40.320	ng	99
60) Diethylphthalate	15.51	149	605248	37.872	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	352117	38.090	ng	98
62) 4-Nitroaniline	15.75	138	153841	40.815	ng	98
63) Azobenzene	16.02	77	548263	37.681	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	103688	36.708	ng	97
66) n-Nitrosodiphenylamine	15.94	169	528820	40.130	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	252982	40.379	ng	94
68) Hexachlorobenzene	16.74	284	288002	41.285	ng	98
69) Atrazine	16.89	200	214981	38.742	ng	95
70) Pentachlorophenol	17.08	266	161884	40.217	ng	99
71) Phenanthrene	17.48	178	960745	39.423	ng	98
72) Anthracene	17.56	178	962701	39.570	ng	99
73) Carbazole	17.83	167	882259	39.106	ng	99
74) Di-n-butylphthalate	18.39	149	1054622	39.179	ng	99
75) Fluoranthene	19.48	202	1243589	38.580	ng	99
77) Benzidine	19.66	184	548436	41.517	ng	99
78) Pyrene	19.84	202	1244128	39.510	ng	100
80) Butylbenzylphthalate	20.73	149	494225	41.349	ng	96
81) Benzo(a)anthracene	21.68	228	1322810	40.240	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	521485	40.447	ng	99
83) Chrysene	21.75	228	1260745	39.521	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	696475	40.951	ng	98
85) Di-n-octyl phthalate	22.81	149	1155018	41.531	ng	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1638831	41.266	ng	99
88) Benzo(b)fluoranthene	23.91	252	1404876	40.192	ng	97
89) Benzo(k)fluoranthene	23.97	252	1332371	38.531	ng	100
90) Benzo(a)pyrene	24.78	252	1303995	39.542	ng	100
91) Dibenzo(a,h)anthracene	28.68	278	1355355	40.080	ng	99
92) Benzo(g,h,i)perylene	29.76	276	1309411	39.964	ng	97

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

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