Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
Data File : BG042968.D
Acq On : 1 Oct 2019 15:48
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 02 01:24:38 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	75858	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	285528	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	203492	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	466229	20.00	ng		0.00
76) Chrysene-d12	21.70	240	491127	20.00	ng		-0.01
87) Perylene-d12	24.93	264	567694	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	316125	74.37	ng		0.00
7) Phenol-d6	7.24	99	460545	75.24	ng		0.00
23) Nitrobenzene-d5	9.23	82	459549	78.23	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	280184	80.07	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1120749	79.84	ng		0.00
79) Terphenyl-d14	20.04	244	1945223	84.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	64457	36.371	ng		93
3) Pyridine	3.96	79	185386	37.192	ng		98
4) n-Nitrosodimethylamine	3.87	42	93866	39.160	ng	#	97
6) Aniline	7.40	93	269955	36.535	ng		99
8) 2-Chlorophenol	7.64	128	166418	37.542	ng		98
9) Benzaldehyde	7.21	77	130299	34.835	ng		93
10) Phenol	7.27	94	213756	38.062	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	159250	36.649	ng		97
12) 1,3-Dichlorobenzene	7.96	146	208672	36.901	ng		99
13) 1,4-Dichlorobenzene	8.11	146	212429	37.683	ng		97
14) 1,2-Dichlorobenzene	8.43	146	201455	37.536	ng		97
15) Benzyl Alcohol	8.31	79	173647	37.732	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	288317	34.550	ng		99
17) 2-Methylphenol	8.52	107	147717	37.591	ng		97
18) Hexachloroethane	9.16	117	76387	35.979	ng		96
19) n-Nitroso-di-n-propylamine	8.88	70	145088	36.097	ng	#	97
20) 3+4-Methylphenols	8.85	107	201342	37.389	ng		97
22) Acetophenone	8.89	105	286630	38.944	ng	#	98
24) Nitrobenzene	9.27	77	220566	39.364	ng		98
25) Isophorone	9.80	82	396925	38.467	ng		99
26) 2-Nitrophenol	9.99	139	102055	42.785	ng		94
27) 2,4-Dimethylphenol	10.04	122	144575	39.467	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	225295	38.483	ng		100
29) 2,4-Dichlorophenol	10.53	162	187626	41.183	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	238731	40.577	ng		96
31) Naphthalene	10.93	128	551601	39.245	ng		99
32) Benzoic acid	10.20	122	124931	44.507	ng		99
33) 4-Chloroaniline	11.03	127	247500	40.580	ng		99
34) Hexachlorobutadiene	11.21	225	173223	39.322	ng		98
35) Caprolactam	11.81	113	59585	37.087	ng		95
36) 4-Chloro-3-methylphenol	12.15	107	198644	40.101	ng		96
37) 2-Methylnaphthalene	12.52	142	426847	39.808	ng		97
38) 1-Methylnaphthalene	12.74	142	396933	39.122	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	300194	39.235	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	184707	37.889	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	184074	41.104	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	185003	40.102	ng		99
46) 1,1'-Biphenyl	13.53	154	602609	39.050	ng		98
47) 2-Chloronaphthalene	13.57	162	454702	39.301	ng		99
48) 2-Nitroaniline	13.77	65	153313	39.847	ng		94
49) Acenaphthylene	14.41	152	695899	39.308	ng		98
50) Dimethylphthalate	14.15	163	578247	37.925	ng		99
51) 2,6-Dinitrotoluene	14.26	165	127606	39.300	ng		99
52) Acenaphthene	14.76	154	474890	40.075	ng		99
53) 3-Nitroaniline	14.59	138	128022	38.152	ng		98
54) 2,4-Dinitrophenol	14.79	184	78953	39.120	ng		91
55) Dibenzofuran	15.09	168	679423	38.759	ng		99
56) 4-Nitrophenol	14.90	139	93996	36.764	ng		99
57) 2,4-Dinitrotoluene	15.04	165	183104	38.509	ng		98
58) Fluorene	15.74	166	570766	38.138	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	193503	39.394	ng		99
60) Diethylphthalate	15.50	149	580047	37.382	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	342928	38.207	ng		98
62) 4-Nitroaniline	15.76	138	138911	37.958	ng		92
63) Azobenzene	16.02	77	520895	36.872	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	105277	39.904	ng		97
66) n-Nitrosodiphenylamine	15.94	169	498489	40.502	ng		98
67) 4-Bromophenyl-phenylether	16.62	248	238722	40.796	ng		95
68) Hexachlorobenzene	16.74	284	267470	41.052	ng		98
69) Atrazine	16.89	200	200898	38.763	ng		96
70) Pentachlorophenol	17.08	266	155584	41.384	ng		97
71) Phenanthrene	17.48	178	892962	39.231	ng		98
72) Anthracene	17.57	178	895047	39.389	ng		98
73) Carbazole	17.84	167	811643	38.518	ng		99
74) Di-n-butylphthalate	18.39	149	976173	38.828	ng		99
75) Fluoranthene	19.48	202	1159472	38.513	ng		99
77) Benzidine	19.66	184	426968	34.720	ng		99
78) Pyrene	19.84	202	1173752	40.041	ng		99
80) Butylbenzylphthalate	20.73	149	446123	40.095	ng		98
81) Benzo(a)anthracene	21.68	228	1227559	40.114	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	487096	40.583	ng		99
83) Chrysene	21.75	228	1178388	39.681	ng		100
84) Bis(2-ethylhexyl)phthalate	21.60	149	639878	40.415	ng		99
85) Di-n-octyl phthalate	22.81	149	1053823	40.704	ng		99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1508096	40.793	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	1296085	40.349	ng		99
89) Benzo(k)fluoranthene	23.98	252	1248604	39.293	ng		98
90) Benzo(a)pyrene	24.77	252	1219242	40.232	ng		97
91) Dibenzo(a,h)anthracene	28.68	278	1253453	40.335	ng		100
92) Benzo(g,h,i)perylene	29.76	276	1211685	40.242	ng		98

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

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