Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092319\
Data File : BG042914.D
Acq On : 23 Sep 2019 14:42
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 24 01:19:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 06:01:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	60390	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	236612	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	171986	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	418023	20.00	ng	0.00
76) Chrysene-d12	21.72	240	462052	20.00	ng	0.00
87) Perylene-d12	24.95	264	534902	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	269055	77.24	ng	0.00
7) Phenol-d6	7.26	99	378145	75.20	ng	0.00
23) Nitrobenzene-d5	9.24	82	385578	79.49	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	227691	83.95	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	947647	80.84	ng	0.00
79) Terphenyl-d14	20.05	244	1820300	80.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	54976	37.979	ng	96
3) Pyridine	3.97	79	157473	37.373	ng	95
4) n-Nitrosodimethylamine	3.88	42	76481	39.160	ng	93
6) Aniline	7.41	93	226986	37.017	ng	96
8) 2-Chlorophenol	7.66	128	137520	38.557	ng	97
9) Benzaldehyde	7.22	77	132556	42.349	ng	95
10) Phenol	7.28	94	174823	37.298	ng	94
11) bis(2-Chloroethyl)ether	7.50	93	134424	36.788	ng	96
12) 1,3-Dichlorobenzene	7.97	146	171934	38.190	ng	96
13) 1,4-Dichlorobenzene	8.11	146	174502	38.553	ng	96
14) 1,2-Dichlorobenzene	8.44	146	164487	38.288	ng	95
15) Benzyl Alcohol	8.33	79	142146	37.593	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	266041	37.469	ng	99
17) 2-Methylphenol	8.53	107	121203	37.439	ng	95
18) Hexachloroethane	9.17	117	64190	38.704	ng	92
19) n-Nitroso-di-n-propylamine	8.88	70	124042	36.984	ng	99
20) 3+4-Methylphenols	8.85	107	166080	37.360	ng	97
22) Acetophenone	8.90	105	265300	42.978	ng	96
24) Nitrobenzene	9.28	77	185854	39.551	ng	100
25) Isophorone	9.81	82	328223	37.876	ng	99
26) 2-Nitrophenol	9.99	139	77383	39.944	ng	96
27) 2,4-Dimethylphenol	10.06	122	120011	39.660	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	191563	38.303	ng	98
29) 2,4-Dichlorophenol	10.54	162	149582	40.577	ng	96
30) 1,2,4-Trichlorobenzene	10.75	180	193549	41.068	ng	95
31) Naphthalene	10.93	128	456736	39.490	ng	98
32) Benzoic acid	10.21	122	101270	41.373	ng	96
33) 4-Chloroaniline	11.04	127	202029	39.224	ng	98
34) Hexachlorobutadiene	11.23	225	144227	42.404	ng	97
35) Caprolactam	11.83	113	51148	38.465	ng	94
36) 4-Chloro-3-methylphenol	12.16	107	163396	40.028	ng	95
37) 2-Methylnaphthalene	12.53	142	351180	39.925	ng	99
38) 1-Methylnaphthalene	12.76	142	333624	40.146	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	292563	45.958	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	158521	40.620	ng	91
43) 2,4,6-Trichlorophenol	13.14	196	150362	40.376	ng	96
44) 2,4,5-Trichlorophenol	13.21	196	151733	39.475	ng	97
46) 1,1'-Biphenyl	13.54	154	568117	43.340	ng	98
47) 2-Chloronaphthalene	13.58	162	383755	38.821	ng	98
48) 2-Nitroaniline	13.78	65	129574	39.065	ng	91
49) Acenaphthylene	14.42	152	583724	39.034	ng	99
50) Dimethylphthalate	14.15	163	506763	40.265	ng	99
51) 2,6-Dinitrotoluene	14.27	165	106523	39.736	ng	93
52) Acenaphthene	14.77	154	406195	41.038	ng	99
53) 3-Nitroaniline	14.61	138	113358	40.233	ng	92
54) 2,4-Dinitrophenol	14.80	184	67377	42.658	ng	95
55) Dibenzofuran	15.10	168	583379	39.732	ng	96
56) 4-Nitrophenol	14.91	139	87233	40.649	ng	97
57) 2,4-Dinitrotoluene	15.05	165	156141	41.040	ng	95
58) Fluorene	15.75	166	494418	39.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	162560	41.359	ng	98
60) Diethylphthalate	15.52	149	509594	40.130	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	294863	40.117	ng	97
62) 4-Nitroaniline	15.76	138	124460	40.796	ng	97
63) Azobenzene	16.03	77	476275	39.031	ng	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	89120	40.255	ng	98
66) n-Nitrosodiphenylamine	15.95	169	432827	38.519	ng	97
67) 4-Bromophenyl-phenylether	16.63	248	201968	39.272	ng	96
68) Hexachlorobenzene	16.75	284	227655	40.125	ng	98
69) Atrazine	16.90	200	185851	40.085	ng	97
70) Pentachlorophenol	17.09	266	131159	40.216	ng	97
71) Phenanthrene	17.49	178	802804	39.539	ng	99
72) Anthracene	17.57	178	813317	40.269	ng	100
73) Carbazole	17.84	167	754321	40.060	ng	98
74) Di-n-butylphthalate	18.40	149	885763	40.405	ng	99
75) Fluoranthene	19.49	202	1068486	41.533	ng	99
77) Benzidine	19.67	184	532929	41.550	ng	98
78) Pyrene	19.85	202	1082522	39.283	ng	99
80) Butylbenzylphthalate	20.74	149	417580	39.241	ng	95
81) Benzo(a)anthracene	21.69	228	1144891	40.234	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	452160	39.894	ng	99
83) Chrysene	21.76	228	1110957	40.373	ng	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	599763	39.851	ng	100
85) Di-n-octyl phthalate	22.83	149	1002130	40.242	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	1404558	40.941	ng	99
88) Benzo(b)fluoranthene	23.93	252	1201910	39.460	ng	99
89) Benzo(k)fluoranthene	24.00	252	1168550	39.711	ng	98
90) Benzo(a)pyrene	24.80	252	1140737	39.765	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	1176397	40.385	ng	99
92) Benzo(g,h,i)perylene	29.80	276	1127994	40.035	ng	96

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

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