Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000437.D
Acq On : 26 Sep 2019 22:25
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Sep 27 05:40:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	215695	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	823544	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	444491	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	810568	20.00	ng		0.00
76) Chrysene-d12	14.01	240	673209	20.00	ng		0.01
87) Perylene-d12	15.49	264	775603	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1102389	88.23	ng		0.01
7) Phenol-d6	6.43	99	1334362	87.13	ng		0.01
23) Nitrobenzene-d5	7.35	82	1110988	87.04	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	374708	84.99	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2283708	92.47	ng		0.00
79) Terphenyl-d14	12.94	244	2709144	84.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	230001	40.793	ng		100
3) Pyridine	3.23	79	648724	42.740	ng		98
4) n-Nitrosodimethylamine	3.17	42	178970	41.816	ng		100
6) Aniline	6.45	93	877526	41.556	ng	#	70
8) 2-Chlorophenol	6.58	128	593223	44.092	ng		100
9) Benzaldehyde	6.34	77	370422	45.762	ng		96
10) Phenol	6.45	94	742701	42.682	ng		73
11) bis(2-Chloroethyl)ether	6.52	93	569071	42.707	ng		99
12) 1,3-Dichlorobenzene	6.73	146	703341	43.564	ng		99
13) 1,4-Dichlorobenzene	6.81	146	712713	44.368	ng		96
14) 1,2-Dichlorobenzene	6.96	146	659318	44.806	ng		99
15) Benzyl Alcohol	6.93	79	467520	41.948	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	530801	42.017	ng		97
17) 2-Methylphenol	7.05	107	491614	42.662	ng		99
18) Hexachloroethane	7.30	117	184091	30.968	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	345820	42.707	ng		99
20) 3+4-Methylphenols	7.20	107	619563	44.462	ng	#	80
22) Acetophenone	7.20	105	813008	45.554	ng		98
24) Nitrobenzene	7.37	77	571359	43.096	ng		97
25) Isophorone	7.61	82	1039107	41.112	ng		99
26) 2-Nitrophenol	7.69	139	278638	39.644	ng		93
27) 2,4-Dimethylphenol	7.73	122	467965	41.799	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	717906	42.706	ng		100
29) 2,4-Dichlorophenol	7.94	162	517249	43.107	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	602066	43.776	ng		98
31) Naphthalene	8.10	128	1684925	44.176	ng		99
32) Benzoic acid	7.84	122	277571	36.719	ng		96
33) 4-Chloroaniline	8.15	127	735719	42.622	ng		99
34) Hexachlorobutadiene	8.22	225	353079	43.327	ng		100
35) Caprolactam	8.50	113	172181	42.182	ng		99
36) 4-Chloro-3-methylphenol	8.63	107	506227	41.559	ng		99
37) 2-Methylnaphthalene	8.79	142	1151176	44.151	ng		98
38) 1-Methylnaphthalene	8.89	142	1082569	44.324	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	580170	45.651	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	26473	3.628	ng		100
43) 2,4,6-Trichlorophenol	9.08	196	379537	43.159	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	387882	43.076	ng		97
46) 1,1'-Biphenyl	9.26	154	1393281	45.311	ng		98
47) 2-Chloronaphthalene	9.28	162	1135368	44.017	ng		98
48) 2-Nitroaniline	9.38	65	295345	45.088	ng		95
49) Acenaphthylene	9.70	152	1726268	44.522	ng		99
50) Dimethylphthalate	9.56	163	1344360	44.392	ng		99
51) 2,6-Dinitrotoluene	9.62	165	279757	42.014	ng		97
52) Acenaphthene	9.87	154	1021764	41.759	ng		100
53) 3-Nitroaniline	9.79	138	354600	45.879	ng		97
54) 2,4-Dinitrophenol	9.90	184	17270	5.871	ng		97
55) Dibenzofuran	10.05	168	1559107	45.075	ng		98
56) 4-Nitrophenol	9.96	139	212447	36.956	ng		94
57) 2,4-Dinitrotoluene	10.02	165	362230	41.612	ng	#	85
58) Fluorene	10.39	166	1195579	44.751	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	312050	42.115	ng		99
60) Diethylphthalate	10.26	149	1299856	44.620	ng		98
61) 4-Chlorophenyl-phenylether	10.38	204	630560	45.980	ng		97
62) 4-Nitroaniline	10.40	138	362960	47.744	ng		98
63) Azobenzene	10.54	77	1089893	44.159	ng		96
65) 4,6-Dinitro-2-methylphenol	10.44	198	31352	8.226	ng		98
66) n-Nitrosodiphenylamine	10.50	169	1073739	44.004	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	396193	43.224	ng		97
68) Hexachlorobenzene	10.95	284	429960	42.907	ng		96
69) Atrazine	11.03	200	238906	34.894	ng		98
70) Pentachlorophenol	11.15	266	170091	31.166	ng		97
71) Phenanthrene	11.36	178	1834072	45.152	ng		100
72) Anthracene	11.41	178	1826545	43.686	ng		100
73) Carbazole	11.57	167	1695939	45.041	ng		99
74) Di-n-butylphthalate	11.90	149	2094497	43.947	ng		99
75) Fluoranthene	12.56	202	1986055	45.534	ng		98
77) Benzidine	12.68	184	1007676	41.911	ng		99
78) Pyrene	12.79	202	2032891	40.361	ng		100
80) Butylbenzylphthalate	13.42	149	914377	39.509	ng		97
81) Benzo(a)anthracene	14.00	228	1816975	42.727	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	760525	44.500	ng	#	98
83) Chrysene	14.03	228	1775744	42.529	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1211826	43.619	ng		100
85) Di-n-octyl phthalate	14.61	149	2162015	41.988	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1789815	35.167	ng		99
88) Benzo(b)fluoranthene	15.06	252	1919769	41.491	ng		99
89) Benzo(k)fluoranthene	15.09	252	1893747	46.921	ng		99
90) Benzo(a)pyrene	15.43	252	1785836	42.417	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	1480466	37.716	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1339921	33.210	ng		99

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

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