Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
Data File : BP000262.D
Acq On : 17 Sep 2019 10:53
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Sep 18 01:39:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	265874	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1010609	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	568779	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1068829	20.00	ng	0.00
76) Chrysene-d12	13.99	240	874187	20.00	ng	0.00
87) Perylene-d12	15.47	264	1024263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1305684	84.78	ng	0.00
7) Phenol-d6	6.42	99	1578304	83.60	ng	0.00
23) Nitrobenzene-d5	7.35	82	1312983	83.82	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	523696	92.83	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2850698	90.21	ng	0.00
79) Terphenyl-d14	12.93	244	3560565	85.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	278445	40.065	ng	99
3) Pyridine	3.23	79	741496	39.632	ng	99
4) n-Nitrosodimethylamine	3.17	42	205770	39.004	ng	95
6) Aniline	6.45	93	1085596	41.707	ng	100
8) 2-Chlorophenol	6.58	128	718008	43.295	ng	99
9) Benzaldehyde	6.33	77	418779	41.334	ng	99
10) Phenol	6.43	94	909550	42.406	ng	100
11) bis(2-Chloroethyl)ether	6.52	93	667776	40.656	ng	100
12) 1,3-Dichlorobenzene	6.73	146	857063	43.066	ng	99
13) 1,4-Dichlorobenzene	6.81	146	848547	42.854	ng	96
14) 1,2-Dichlorobenzene	6.96	146	798417	44.018	ng	100
15) Benzyl Alcohol	6.93	79	582291	42.385	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	618687	39.731	ng	99
17) 2-Methylphenol	7.05	107	589453	41.499	ng	97
18) Hexachloroethane	7.30	117	306364	41.810	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	408593	40.936	ng	98
20) 3+4-Methylphenols	7.19	107	717274	41.759	ng	93
22) Acetophenone	7.20	105	949201	43.341	ng	99
24) Nitrobenzene	7.37	77	678705	41.717	ng	99
25) Isophorone	7.61	82	1268960	40.913	ng	99
26) 2-Nitrophenol	7.69	139	369659	42.859	ng	99
27) 2,4-Dimethylphenol	7.73	122	576842	41.986	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	861875	41.780	ng	100
29) 2,4-Dichlorophenol	7.93	162	638846	43.386	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	741173	43.915	ng	100
31) Naphthalene	8.10	128	2067443	44.172	ng	99
32) Benzoic acid	7.82	122	426591	45.987	ng	96
33) 4-Chloroaniline	8.14	127	916373	43.262	ng	99
34) Hexachlorobutadiene	8.22	225	449572	44.956	ng	99
35) Caprolactam	8.50	113	215289	42.980	ng	93
36) 4-Chloro-3-methylphenol	8.62	107	643082	43.022	ng	98
37) 2-Methylnaphthalene	8.79	142	1427650	44.620	ng	100
38) 1-Methylnaphthalene	8.89	142	1348179	44.981	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	719151	44.222	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	379236	40.610 ng		100
43) 2,4,6-Trichlorophenol	9.06	196	495333	44.018 ng		99
44) 2,4,5-Trichlorophenol	9.10	196	505766	43.894 ng		98
46) 1,1'-Biphenyl	9.25	154	1711681	43.502 ng		99
47) 2-Chloronaphthalene	9.28	162	1437137	43.541 ng		99
48) 2-Nitroaniline	9.37	65	344555	41.107 ng		96
49) Acenaphthylene	9.69	152	2190343	44.147 ng		100
50) Dimethylphthalate	9.55	163	1687000	43.534 ng		100
51) 2,6-Dinitrotoluene	9.61	165	372230	43.686 ng		96
52) Acenaphthene	9.87	154	1373334	43.863 ng		99
53) 3-Nitroaniline	9.78	138	429802	43.458 ng		96
54) 2,4-Dinitrophenol	9.89	184	159321	42.323 ng		100
55) Dibenzofuran	10.04	168	1980779	44.752 ng		99
56) 4-Nitrophenol	9.94	139	319734	43.466 ng		91
57) 2,4-Dinitrotoluene	10.02	165	502620	45.122 ng	#	88
58) Fluorene	10.39	166	1498129	43.822 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	428373	45.181 ng		99
60) Diethylphthalate	10.26	149	1648975	44.235 ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	812243	46.285 ng		97
62) 4-Nitroaniline	10.39	138	429460	44.147 ng		98
63) Azobenzene	10.54	77	1347897	42.679 ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	213045	42.391 ng		92
66) n-Nitrosodiphenylamine	10.49	169	1369059	42.550 ng		99
67) 4-Bromophenyl-phenylether	10.87	248	528198	43.702 ng		96
68) Hexachlorobenzene	10.94	284	582326	44.071 ng	#	92
69) Atrazine	11.02	200	336901	39.595 ng		98
70) Pentachlorophenol	11.13	266	306023	42.524 ng		100
71) Phenanthrene	11.35	178	2354987	43.968 ng		99
72) Anthracene	11.40	178	2364329	42.885 ng		100
73) Carbazole	11.56	167	2179116	43.889 ng		99
74) Di-n-butylphthalate	11.90	149	2676417	42.587 ng		99
75) Fluoranthene	12.55	202	2641881	45.935 ng		97
77) Benzidine	12.67	184	1287331	41.233 ng		100
78) Pyrene	12.78	202	2682082	41.008 ng		99
80) Butylbenzylphthalate	13.41	149	1190443	39.612 ng		98
81) Benzo(a)anthracene	13.99	228	2368198	42.886 ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	971943	43.796 ng		99
83) Chrysene	14.02	228	2308080	42.570 ng		100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1490627	41.319 ng		100
85) Di-n-octyl phthalate	14.60	149	2759356	41.269 ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2778989	42.050 ng		97
88) Benzo(b)fluoranthene	15.05	252	2487338	40.707 ng		98
89) Benzo(k)fluoranthene	15.07	252	2397557	44.982 ng		99
90) Benzo(a)pyrene	15.42	252	2340415	42.094 ng		98
91) Dibenzo(a,h)anthracene	16.99	278	2233454	43.086 ng		97
92) Benzo(g,h,i)perylene	17.42	276	2249304	42.215 ng		97

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

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