Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000396.D
Acq On : 24 Sep 2019 20:38
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Sep 25 01:16:04 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	210713	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	807375	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	441664	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	845754	20.00	ng		0.00
76) Chrysene-d12	13.99	240	714209	20.00	ng		0.00
87) Perylene-d12	15.47	264	827037	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1062673	87.06	ng		0.00
7) Phenol-d6	6.42	99	1303153	87.10	ng		0.00
23) Nitrobenzene-d5	7.35	82	1079815	86.29	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	380672	86.90	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2277032	92.79	ng		0.00
79) Terphenyl-d14	12.93	244	2837372	83.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	224618	40.780	ng		100
3) Pyridine	3.22	79	612491	41.307	ng		98
4) n-Nitrosodimethylamine	3.15	42	173308	41.450	ng		96
6) Aniline	6.45	93	878348	42.579	ng	#	92
8) 2-Chlorophenol	6.58	128	575675	43.799	ng		100
9) Benzaldehyde	6.33	77	351598	44.245	ng		99
10) Phenol	6.44	94	735967	43.295	ng		82
11) bis(2-Chloroethyl)ether	6.52	93	549743	42.232	ng		99
12) 1,3-Dichlorobenzene	6.73	146	684642	43.408	ng		99
13) 1,4-Dichlorobenzene	6.80	146	688270	43.860	ng		97
14) 1,2-Dichlorobenzene	6.96	146	645203	44.883	ng		99
15) Benzyl Alcohol	6.93	79	467734	42.959	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	519657	42.107	ng		100
17) 2-Methylphenol	7.05	107	475309	42.223	ng		100
18) Hexachloroethane	7.30	117	246059	42.371	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	329355	41.635	ng		98
20) 3+4-Methylphenols	7.20	107	592153	43.500	ng		89
22) Acetophenone	7.19	105	779429	44.547	ng		99
24) Nitrobenzene	7.36	77	559458	43.043	ng		95
25) Isophorone	7.60	82	1024350	41.340	ng		98
26) 2-Nitrophenol	7.69	139	288891	41.926	ng		98
27) 2,4-Dimethylphenol	7.73	122	458649	41.787	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	703027	42.658	ng		99
29) 2,4-Dichlorophenol	7.93	162	506353	43.044	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	584869	43.377	ng		98
31) Naphthalene	8.09	128	1657741	44.334	ng		99
32) Benzoic acid	7.83	122	268596	36.243	ng		98
33) 4-Chloroaniline	8.14	127	735458	43.461	ng		98
34) Hexachlorobutadiene	8.22	225	347791	43.533	ng		99
35) Caprolactam	8.50	113	169262	42.298	ng		93
36) 4-Chloro-3-methylphenol	8.62	107	498819	41.771	ng		97
37) 2-Methylnaphthalene	8.79	142	1133035	44.326	ng		99
38) 1-Methylnaphthalene	8.89	142	1063082	44.398	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	563577	44.629	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	203533	28.068 ng	98
43) 2,4,6-Trichlorophenol	9.06	196	371195	42.481 ng	99
44) 2,4,5-Trichlorophenol	9.10	196	384912	43.020 ng	94
46) 1,1'-Biphenyl	9.25	154	1379430	45.148 ng	98
47) 2-Chloronaphthalene	9.28	162	1127947	44.009 ng	98
48) 2-Nitroaniline	9.37	65	283619	43.575 ng	96
49) Acenaphthylene	9.69	152	1723261	44.729 ng	99
50) Dimethylphthalate	9.55	163	1319626	43.854 ng	99
51) 2,6-Dinitrotoluene	9.61	165	289697	43.785 ng	92
52) Acenaphthene	9.86	154	1069972	44.009 ng	100
53) 3-Nitroaniline	9.78	138	339482	44.205 ng	97
54) 2,4-Dinitrophenol	9.89	184	89470	30.608 ng	99
55) Dibenzofuran	10.04	168	1563231	45.483 ng	98
56) 4-Nitrophenol	9.95	139	230980	40.437 ng	98
57) 2,4-Dinitrotoluene	10.02	165	390712	45.171 ng	90
58) Fluorene	10.38	166	1200389	45.218 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	313535	42.586 ng	100
60) Diethylphthalate	10.25	149	1287847	44.490 ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	632812	46.439 ng	94
62) 4-Nitroaniline	10.39	138	354539	46.935 ng	98
63) Azobenzene	10.53	77	1095610	44.675 ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	147658	37.130 ng	89
66) n-Nitrosodiphenylamine	10.49	169	1078414	42.357 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	398003	41.615 ng	94
68) Hexachlorobenzene	10.94	284	432882	41.402 ng	96
69) Atrazine	11.02	200	232844	31.162 ng	98
70) Pentachlorophenol	11.13	266	189579	33.291 ng	97
71) Phenanthrene	11.35	178	1884093	44.454 ng	99
72) Anthracene	11.40	178	1873520	42.946 ng	100
73) Carbazole	11.56	167	1749365	44.527 ng	99
74) Di-n-butylphthalate	11.90	149	2112013	42.470 ng	100
75) Fluoranthene	12.55	202	2108181	46.323 ng	98
77) Benzidine	12.67	184	979053	38.383 ng	99
78) Pyrene	12.78	202	2163698	40.492 ng	100
80) Butylbenzylphthalate	13.41	149	965209	39.311 ng	98
81) Benzo(a)anthracene	13.99	228	1918771	42.531 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	768408	42.380 ng	99
83) Chrysene	14.02	228	1902895	42.958 ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1247524	42.326 ng	99
85) Di-n-octyl phthalate	14.60	149	2278529	41.711 ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	2278849	42.206 ng	99
88) Benzo(b)fluoranthene	15.05	252	1973417	39.998 ng	99
89) Benzo(k)fluoranthene	15.07	252	2012911	46.771 ng	100
90) Benzo(a)pyrene	15.42	252	1915233	42.662 ng	99
91) Dibenzo(a,h)anthracene	16.98	278	1848326	44.159 ng	99
92) Benzo(g,h,i)perylene	17.41	276	1842917	42.836 ng	99

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

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