Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000447.D
Acq On : 27 Sep 2019 04:14
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 27 05:45:02 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	248272	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	951943	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	512476	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	929762	20.00	ng		0.00
76) Chrysene-d12	14.00	240	702422	20.00	ng		0.00
87) Perylene-d12	15.49	264	825208	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1256598	87.38	ng		0.00
7) Phenol-d6	6.43	99	1548300	87.83	ng		0.01
23) Nitrobenzene-d5	7.35	82	1276681	86.53	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	425161	83.64	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2583802	90.74	ng		0.00
79) Terphenyl-d14	12.94	244	2831225	84.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	264751	40.795	ng		100
3) Pyridine	3.23	79	730284	41.800	ng		99
4) n-Nitrosodimethylamine	3.17	42	205297	41.673	ng		98
6) Aniline	6.45	93	997066	41.022	ng	#	84
8) 2-Chlorophenol	6.58	128	671554	43.365	ng		99
9) Benzaldehyde	6.33	77	419839	44.943	ng		99
10) Phenol	6.45	94	841563	42.018	ng		74
11) bis(2-Chloroethyl)ether	6.52	93	648323	42.270	ng		100
12) 1,3-Dichlorobenzene	6.73	146	796914	42.883	ng		99
13) 1,4-Dichlorobenzene	6.80	146	799917	43.263	ng		99
14) 1,2-Dichlorobenzene	6.96	146	744124	43.934	ng		99
15) Benzyl Alcohol	6.93	79	540927	42.165	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	597232	41.072	ng		97
17) 2-Methylphenol	7.05	107	562395	42.401	ng		99
18) Hexachloroethane	7.30	117	237328	34.685	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	386910	41.512	ng		99
20) 3+4-Methylphenols	7.20	107	685953	42.767	ng	#	76
22) Acetophenone	7.20	105	916913	44.446	ng		99
24) Nitrobenzene	7.37	77	654777	42.726	ng		97
25) Isophorone	7.61	82	1197040	40.973	ng		100
26) 2-Nitrophenol	7.69	139	337501	41.542	ng		96
27) 2,4-Dimethylphenol	7.73	122	542747	41.939	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	821550	42.279	ng		99
29) 2,4-Dichlorophenol	7.93	162	596171	42.983	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	685525	43.121	ng		99
31) Naphthalene	8.10	128	1902228	43.146	ng		100
32) Benzoic acid	7.84	122	340619	38.982	ng		99
33) 4-Chloroaniline	8.15	127	831660	41.682	ng		98
34) Hexachlorobutadiene	8.22	225	396562	42.099	ng		99
35) Caprolactam	8.50	113	201564	42.720	ng		99
36) 4-Chloro-3-methylphenol	8.63	107	587760	41.744	ng		99
37) 2-Methylnaphthalene	8.79	142	1308448	43.414	ng		99
38) 1-Methylnaphthalene	8.89	142	1243263	44.037	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	649970	44.359	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	105362	12.522 ng		98
43) 2,4,6-Trichlorophenol	9.07	196	433335	42.740 ng		99
44) 2,4,5-Trichlorophenol	9.12	196	443606	42.729 ng		98
46) 1,1'-Biphenyl	9.26	154	1571842	44.337 ng		98
47) 2-Chloronaphthalene	9.28	162	1315283	44.227 ng		97
48) 2-Nitroaniline	9.37	65	339346	44.933 ng		97
49) Acenaphthylene	9.70	152	1960429	43.854 ng		100
50) Dimethylphthalate	9.56	163	1544408	44.233 ng		99
51) 2,6-Dinitrotoluene	9.62	165	331914	43.234 ng		94
52) Acenaphthene	9.87	154	1194508	42.343 ng		98
53) 3-Nitroaniline	9.79	138	398182	44.684 ng		98
54) 2,4-Dinitrophenol	9.90	184	67007	19.756 ng		94
55) Dibenzofuran	10.05	168	1771971	44.433 ng		98
56) 4-Nitrophenol	9.96	139	243619	36.757 ng		99
57) 2,4-Dinitrotoluene	10.02	165	433015	43.145 ng	#	86
58) Fluorene	10.39	166	1331740	43.234 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	346468	40.557 ng		98
60) Diethylphthalate	10.26	149	1460911	43.495 ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	702454	44.427 ng		95
62) 4-Nitroaniline	10.40	138	399229	45.548 ng		98
63) Azobenzene	10.54	77	1217728	42.793 ng		97
65) 4,6-Dinitro-2-methylphenol	10.44	198	96023	21.964 ng		98
66) n-Nitrosodiphenylamine	10.50	169	1207062	43.126 ng		100
67) 4-Bromophenyl-phenylether	10.87	248	445206	42.345 ng		94
68) Hexachlorobenzene	10.95	284	485403	42.230 ng		94
69) Atrazine	11.03	200	286719	37.909 ng		99
70) Pentachlorophenol	11.14	266	177938	28.424 ng		100
71) Phenanthrene	11.36	178	2020431	43.364 ng		100
72) Anthracene	11.41	178	2026788	42.261 ng		100
73) Carbazole	11.57	167	1862848	43.131 ng		99
74) Di-n-butylphthalate	11.90	149	2255817	41.264 ng		100
75) Fluoranthene	12.56	202	2144753	42.869 ng		99
77) Benzidine	12.68	184	889405	35.454 ng		98
78) Pyrene	12.79	202	2144593	40.808 ng		99
80) Butylbenzylphthalate	13.42	149	968799	40.120 ng		96
81) Benzo(a)anthracene	14.00	228	1870052	42.147 ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	774151	43.414 ng		99
83) Chrysene	14.03	228	1877218	43.090 ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1239960	42.776 ng		99
85) Di-n-octyl phthalate	14.61	149	2210549	41.146 ng		100
86) Indeno(1,2,3-cd)pyrene	16.98	276	2016617	37.976 ng		99
88) Benzo(b)fluoranthene	15.06	252	2084105	42.335 ng		98
89) Benzo(k)fluoranthene	15.09	252	1861986	43.360 ng		98
90) Benzo(a)pyrene	15.43	252	1883517	42.048 ng		100
91) Dibenzo(a,h)anthracene	17.00	278	1651438	39.543 ng		99
92) Benzo(g,h,i)perylene	17.43	276	1544906	35.989 ng		99

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

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