Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092519\
Data File : BP000405.D
Acq On : 25 Sep 2019 13:14
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Sep 25 23:27:05 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	207194	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	791028	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	436462	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	825956	20.00	ng		0.00
76) Chrysene-d12	14.00	240	696121	20.00	ng		0.00
87) Perylene-d12	15.49	264	786589	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1055220	87.92	ng		0.00
7) Phenol-d6	6.42	99	1296097	88.10	ng		0.00
23) Nitrobenzene-d5	7.35	82	1080287	88.11	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	371794	85.88	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2229529	91.94	ng		0.00
79) Terphenyl-d14	12.93	244	2790723	84.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	230175	42.499	ng		100
3) Pyridine	3.22	79	617307	42.338	ng		100
4) n-Nitrosodimethylamine	3.15	42	173309	42.154	ng		99
6) Aniline	6.45	93	876635	43.217	ng		96
8) 2-Chlorophenol	6.57	128	565201	43.733	ng		99
9) Benzaldehyde	6.33	77	344188	44.014	ng		97
10) Phenol	6.43	94	743446	44.478	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	537633	42.003	ng		99
12) 1,3-Dichlorobenzene	6.73	146	677816	43.705	ng		99
13) 1,4-Dichlorobenzene	6.80	146	680188	44.081	ng		98
14) 1,2-Dichlorobenzene	6.96	146	639784	45.262	ng		99
15) Benzyl Alcohol	6.93	79	457339	42.718	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	509358	41.974	ng		99
17) 2-Methylphenol	7.05	107	464077	41.925	ng		99
18) Hexachloroethane	7.30	117	242538	42.474	ng		91
19) n-Nitroso-di-n-propylamine	7.20	70	330864	42.537	ng		99
20) 3+4-Methylphenols	7.20	107	587887	43.920	ng		89
22) Acetophenone	7.19	105	773826	45.141	ng	#	98
24) Nitrobenzene	7.36	77	557952	43.814	ng		94
25) Isophorone	7.60	82	1016732	41.880	ng		97
26) 2-Nitrophenol	7.69	139	294235	43.584	ng		98
27) 2,4-Dimethylphenol	7.73	122	451839	42.017	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	689133	42.679	ng		99
29) 2,4-Dichlorophenol	7.93	162	500508	43.427	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	579998	43.905	ng		98
31) Naphthalene	8.09	128	1638913	44.736	ng		99
32) Benzoic acid	7.83	122	275934	38.003	ng		98
33) 4-Chloroaniline	8.14	127	723830	43.657	ng		98
34) Hexachlorobutadiene	8.22	225	341015	43.567	ng		99
35) Caprolactam	8.50	113	171406	43.719	ng		94
36) 4-Chloro-3-methylphenol	8.63	107	497177	42.494	ng		97
37) 2-Methylnaphthalene	8.79	142	1117208	44.610	ng		99
38) 1-Methylnaphthalene	8.89	142	1050669	44.786	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	551762	44.215	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	208447	29.088	ng		97
43) 2,4,6-Trichlorophenol	9.07	196	364012	42.155	ng		97
44) 2,4,5-Trichlorophenol	9.11	196	378743	42.835	ng		99
46) 1,1'-Biphenyl	9.25	154	1351545	44.763	ng		98
47) 2-Chloronaphthalene	9.27	162	1120735	44.249	ng		98
48) 2-Nitroaniline	9.37	65	285433	44.377	ng		99
49) Acenaphthylene	9.69	152	1709481	44.900	ng		100
50) Dimethylphthalate	9.55	163	1304993	43.885	ng		100
51) 2,6-Dinitrotoluene	9.61	165	292017	44.662	ng		98
52) Acenaphthene	9.87	154	1056863	43.988	ng		98
53) 3-Nitroaniline	9.78	138	343166	45.217	ng		100
54) 2,4-Dinitrophenol	9.89	184	104490	36.172	ng		94
55) Dibenzofuran	10.04	168	1556025	45.813	ng		98
56) 4-Nitrophenol	9.95	139	236447	41.888	ng		99
57) 2,4-Dinitrotoluene	10.02	165	393111	45.990	ng	#	84
58) Fluorene	10.39	166	1188275	45.295	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	315588	43.376	ng		98
60) Diethylphthalate	10.26	149	1271058	44.434	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	615079	45.676	ng		98
62) 4-Nitroaniline	10.40	138	358357	48.006	ng		97
63) Azobenzene	10.54	77	1080241	44.573	ng		99
65) 4,6-Dinitro-2-methylphenol	10.43	198	154038	39.663	ng		100
66) n-Nitrosodiphenylamine	10.49	169	1073385	43.170	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	391546	41.921	ng		98
68) Hexachlorobenzene	10.94	284	431488	42.258	ng	#	89
69) Atrazine	11.02	200	230573	31.860	ng		98
70) Pentachlorophenol	11.14	266	186858	33.600	ng		99
71) Phenanthrene	11.35	178	1853003	44.769	ng		100
72) Anthracene	11.40	178	1866390	43.808	ng		100
73) Carbazole	11.56	167	1754433	45.726	ng		98
74) Di-n-butylphthalate	11.90	149	2072189	42.668	ng		99
75) Fluoranthene	12.56	202	2083088	46.869	ng		98
77) Benzidine	12.67	184	885936	35.635	ng		99
78) Pyrene	12.79	202	2157250	41.421	ng		100
80) Butylbenzylphthalate	13.42	149	933136	38.993	ng		96
81) Benzo(a)anthracene	13.99	228	1902846	43.274	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	726758	41.125	ng		99
83) Chrysene	14.03	228	1861438	43.114	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1171585	40.783	ng		98
85) Di-n-octyl phthalate	14.61	149	2111441	39.657	ng		100
86) Indeno(1,2,3-cd)pyrene	16.97	276	2152184	40.896	ng		99
88) Benzo(b)fluoranthene	15.06	252	1955875	41.681	ng		99
89) Benzo(k)fluoranthene	15.09	252	1901455	46.454	ng		98
90) Benzo(a)pyrene	15.42	252	1830774	42.877	ng		100
91) Dibenzo(a,h)anthracene	16.99	278	1736093	43.611	ng		99
92) Benzo(g,h,i)perylene	17.42	276	1747743	42.713	ng		99

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

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