Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
Data File : BP000243.D
Acq On : 16 Sep 2019 17:00
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC050

Quant Time: Sep 16 17:56:48 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 17:15:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	327784	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1248332	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	673143	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1212863	20.00	ng		0.00
76) Chrysene-d12	14.00	240	867960	20.00	ng		0.00
87) Perylene-d12	15.48	264	1037527	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1832333	89.14	ng		0.00
7) Phenol-d6	6.42	99	2246337	86.57	ng		0.00
23) Nitrobenzene-d5	7.35	82	1866684	91.75	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	655703	115.56	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	3550014	88.07	ng		0.00
79) Terphenyl-d14	12.93	244	4003090	100.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	415100	43.902	ng		99
3) Pyridine	3.25	79	1115720	43.799	ng		100
4) n-Nitrosodimethylamine	3.19	42	312082	37.940	ng		96
6) Aniline	6.45	93	1554505	41.393	ng		98
8) 2-Chlorophenol	6.58	128	999491	47.025	ng		98
9) Benzaldehyde	6.34	77	599647	37.473	ng		97
10) Phenol	6.44	94	1301684	45.149	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	981767	43.107	ng		99
12) 1,3-Dichlorobenzene	6.73	146	1195616	48.226	ng		99
13) 1,4-Dichlorobenzene	6.81	146	1181142	47.845	ng		98
14) 1,2-Dichlorobenzene	6.96	146	1091760	48.132	ng		99
15) Benzyl Alcohol	6.93	79	829492	43.598	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	935394	38.192	ng		100
17) 2-Methylphenol	7.05	107	845332	46.309	ng		99
18) Hexachloroethane	7.30	117	440414	48.100	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	586493	39.713	ng		96
20) 3+4-Methylphenols	7.20	107	984462	43.242	ng		91
22) Acetophenone	7.20	105	1297794	43.404	ng	#	96
24) Nitrobenzene	7.37	77	977321	44.343	ng		96
25) Isophorone	7.61	82	1818465	42.303	ng		99
26) 2-Nitrophenol	7.69	139	524742	61.137	ng		97
27) 2,4-Dimethylphenol	7.73	122	813014	46.941	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	1225509	43.843	ng		99
29) 2,4-Dichlorophenol	7.93	162	877969	49.298	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	1011792	49.835	ng		98
31) Naphthalene	8.10	128	2797749	48.848	ng		100
32) Benzoic acid	7.84	122	464507	43.682	ng		99
33) 4-Chloroaniline	8.14	127	1253564	46.406	ng		99
34) Hexachlorobutadiene	8.22	225	600397	52.482	ng		99
35) Caprolactam	8.51	113	298941	47.199	ng		98
36) 4-Chloro-3-methylphenol	8.62	107	891872	45.898	ng		97
37) 2-Methylnaphthalene	8.79	142	1932075	48.271	ng		99
38) 1-Methylnaphthalene	8.89	142	1805236	47.868	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	934766	49.061	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	552949	52.707 ng	100
43) 2,4,6-Trichlorophenol	9.06	196	642162	48.873 ng	100
44) 2,4,5-Trichlorophenol	9.10	196	663607	48.271 ng	97
46) 1,1'-Biphenyl	9.26	154	2253193	47.414 ng	99
47) 2-Chloronaphthalene	9.28	162	1887253	47.842 ng	98
48) 2-Nitroaniline	9.37	65	479216	44.975 ng	94
49) Acenaphthylene	9.70	152	2841753	48.550 ng	99
50) Dimethylphthalate	9.56	163	2200646	47.975 ng	100
51) 2,6-Dinitrotoluene	9.62	165	497757	51.123 ng	92
52) Acenaphthene	9.87	154	1813773	49.383 ng	99
53) 3-Nitroaniline	9.79	138	572089	49.184 ng	95
54) 2,4-Dinitrophenol	9.89	184	223133	72.576 ng	93
55) Dibenzofuran	10.04	168	2550451	48.901 ng	98
56) 4-Nitrophenol	9.94	139	423490	50.938 ng	98
57) 2,4-Dinitrotoluene	10.02	165	652657	52.506 ng	90
58) Fluorene	10.39	166	1855500	47.271 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	547933	52.640 ng	100
60) Diethylphthalate	10.26	149	2122570	46.228 ng	98
61) 4-Chlorophenyl-phenylether	10.38	204	1011394	49.574 ng	96
62) 4-Nitroaniline	10.40	138	561337	50.596 ng	99
63) Azobenzene	10.54	77	1809727	41.159 ng	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	283025	65.730 ng	94
66) n-Nitrosodiphenylamine	10.50	169	1734703	48.141 ng	98
67) 4-Bromophenyl-phenylether	10.87	248	656071	53.227 ng	97
68) Hexachlorobenzene	10.95	284	715897	53.305 ng	95
69) Atrazine	11.03	200	406593	38.782 ng	99
70) Pentachlorophenol	11.13	266	404364	55.565 ng	99
71) Phenanthrene	11.36	178	2895124	47.892 ng	99
72) Anthracene	11.41	178	2892836	48.443 ng	99
73) Carbazole	11.56	167	2724327	48.332 ng	99
74) Di-n-butylphthalate	11.90	149	3284187	48.051 ng	99
75) Fluoranthene	12.56	202	3123232	47.544 ng	98
77) Benzidine	12.67	184	1258422	42.022 ng	100
78) Pyrene	12.79	202	3169002	49.630 ng	99
80) Butylbenzylphthalate	13.42	149	1443645	50.743 ng	97
81) Benzo(a)anthracene	13.99	228	2684178	47.724 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	1085529	52.318 ng	99
83) Chrysene	14.03	228	2593725	48.755 ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1756666	47.447 ng	100
85) Di-n-octyl phthalate	14.61	149	3297002	50.534 ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	3238563	48.582 ng	100
88) Benzo(b)fluoranthene	15.05	252	2999402	47.329 ng	99
89) Benzo(k)fluoranthene	15.09	252	2585904	44.589 ng	99
90) Benzo(a)pyrene	15.42	252	2706503	47.310 ng	100
91) Dibenzo(a,h)anthracene	16.99	278	2563235	44.804 ng	99
92) Benzo(g,h,i)perylene	17.42	276	2655472	46.896 ng	100

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

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