Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002905.D
Acq On : 05 Aug 2020 10:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 05 11:41:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	582284	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	2076288	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	1199786	20.00	ng		0.00
64) Phenanthrene-d10	17.11	188	2386858	20.00	ng		0.00
76) Chrysene-d12	21.20	240	2062528	20.00	ng		0.00
86) Perylene-d12	23.46	264	1766906	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	3211233	84.41	ng		0.00
7) Phenol-d6	6.89	99	4209407	79.69	ng		0.00
23) Nitrobenzene-d5	8.86	82	3172750	82.76	ng		0.00
42) 2,4,6-Tribromophenol	15.85	330	1457105	97.71	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	7725802	87.98	ng		0.00
79) Terphenyl-d14	19.68	244	9800618	95.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	653699	40.027	ng		96
3) Pyridine	3.65	79	1732517	38.077	ng		97
4) n-Nitrosodimethylamine	3.57	42	484884	36.278	ng		93
6) Aniline	7.05	93	2386250	38.939	ng		94
8) 2-Chlorophenol	7.29	128	1729600	42.638	ng		93
9) Benzaldehyde	6.86	77	987826	35.125	ng		90
10) Phenol	6.92	94	2090249	39.292	ng		95
11) bis(2-Chloroethyl)ether	7.15	93	1607089	39.277	ng		95
12) 1,3-Dichlorobenzene	7.61	146	1964103	42.899	ng		96
13) 1,4-Dichlorobenzene	7.75	146	1979381	42.771	ng		98
14) 1,2-Dichlorobenzene	8.07	146	1864409	42.245	ng		98
15) Benzyl Alcohol	7.95	79	1292504	37.086	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.26	45	1323328	34.425	ng		97
17) 2-Methylphenol	8.16	107	1355567	39.877	ng		96
18) Hexachloroethane	8.79	117	670225	41.521	ng		96
19) n-Nitroso-di-n-propylamine	8.53	70	1064833	34.987	ng	#	95
20) 3+4-Methylphenols	8.49	107	1832408	39.996	ng		97
22) Acetophenone	8.53	105	2399015	40.952	ng		98
24) Nitrobenzene	8.90	77	1643619	39.493	ng		91
25) Isophorone	9.43	82	3149061	38.237	ng		96
26) 2-Nitrophenol	9.61	139	807949	46.650	ng		91
27) 2,4-Dimethylphenol	9.68	122	1395777	42.559	ng		96
28) bis(2-Chloroethoxy)methane	9.92	93	1857056	40.418	ng		99
29) 2,4-Dichlorophenol	10.15	162	1598716	46.316	ng		98
30) 1,2,4-Trichlorobenzene	10.36	180	1834620	45.468	ng		99
31) Naphthalene	10.55	128	5026259	42.289	ng		100
32) Benzoic acid	9.83	122	918391	47.675	ng		94
33) 4-Chloroaniline	10.65	127	2073009	42.086	ng		97
34) Hexachlorobutadiene	10.85	225	1164837	47.174	ng		99
35) Caprolactam	11.42	113	465298	43.566	ng		88
36) 4-Chloro-3-methylphenol	11.79	107	1476434	41.148	ng		96
37) 2-Methylnaphthalene	12.16	142	3629944	42.935	ng		99
38) 1-Methylnaphthalene	12.39	142	3390041	42.596	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	2029381	47.045	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 15:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	1055187	47.153	ng		99
43) 2,4,6-Trichlorophenol	12.78	196	1239635	49.583	ng		99
44) 2,4,5-Trichlorophenol	12.85	196	1338031	48.786	ng		94
46) 1,1'-Biphenyl	13.19	154	4327931	43.635	ng		98
47) 2-Chloronaphthalene	13.22	162	3417034	43.996	ng		98
48) 2-Nitroaniline	13.42	65	714991	37.825	ng	#	80
49) Acenaphthylene	14.07	152	5231435	42.949	ng		99
50) Dimethylphthalate	13.82	163	3997253	42.597	ng		100
51) 2,6-Dinitrotoluene	13.93	165	918148	43.682	ng	#	83
52) Acenaphthene	14.42	154	3406681	43.515	ng		100
53) 3-Nitroaniline	14.25	138	928193	42.213	ng		93
54) 2,4-Dinitrophenol	14.46	184	363558	44.745	ng	#	84
55) Dibenzofuran	14.76	168	5119551	42.633	ng		98
56) 4-Nitrophenol	14.56	139	729250	43.825	ng		91
57) 2,4-Dinitrotoluene	14.72	165	1174153	42.584	ng		90
58) Fluorene	15.41	166	3958859	42.107	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	1120233	48.953	ng		96
60) Diethylphthalate	15.20	149	3781880	41.244	ng		98
61) 4-Chlorophenyl-phenylether	15.41	204	2141450	44.255	ng		96
62) 4-Nitroaniline	15.42	138	900812	41.702	ng		93
63) Azobenzene	15.70	77	3327487	36.046	ng		93
65) 4,6-Dinitro-2-methylphenol	15.49	198	561179	45.537	ng		87
66) n-Nitrosodiphenylamine	15.62	169	3486528	44.105	ng		100
67) 4-Bromophenyl-phenylether	16.30	248	1361951	46.902	ng		95
68) Hexachlorobenzene	16.42	284	1533179	45.648	ng		95
69) Atrazine	16.58	200	1100466	41.090	ng		99
70) Pentachlorophenol	16.76	266	853859	49.024	ng		99
71) Phenanthrene	17.15	178	6047211	43.205	ng		99
72) Anthracene	17.24	178	5958718	43.559	ng		100
73) Carbazole	17.51	167	5574164	41.725	ng		99
74) Di-n-butylphthalate	18.09	149	5950666	42.344	ng		99
75) Fluoranthene	19.13	202	6743509	41.818	ng		98
77) Benzidine	19.30	184	2784873	44.279	ng		99
78) Pyrene	19.47	202	6895006	47.820	ng		99
80) Butylbenzylphthalate	20.37	149	2428237	41.875	ng		87
81) Benzo(a)anthracene	21.19	228	6182446	44.006	ng		100
82) 3,3'-Dichlorobenzidine	21.12	252	2447726	44.019	ng		99
83) Chrysene	21.23	228	5845272	44.107	ng		99
84) Bis(2-ethylhexyl)phthalate	21.14	149	3575748	44.810	ng		99
85) Di-n-octyl phthalate	22.02	149	5349281	40.807	ng		97
87) Indeno(1,2,3-cd)pyrene	25.78	276	5944117	42.006	ng		98
88) Benzo(b)fluoranthene	22.78	252	5622520	45.093	ng		100
89) Benzo(k)fluoranthene	22.83	252	5596985	47.492	ng		99
90) Benzo(a)pyrene	23.37	252	5051181	44.834	ng		98
91) Dibenzo(a,h)anthracene	25.79	278	5061482	42.026	ng		99
92) Benzo(g,h,i)perylene	26.47	276	4833447	41.502	ng		99

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

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