Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018380.D
Acq On : 22 Dec 2018 12:31
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Dec 24 05:53:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	120981	20.00	ng		-0.03
21) Naphthalene-d8	10.24	136	500646	20.00	ng		-0.03
39) Acenaphthene-d10	14.14	164	284059	20.00	ng		-0.02
64) Phenanthrene-d10	16.90	188	573797	20.00	ng		-0.02
76) Chrysene-d12	21.13	240	466329	20.00	ng		-0.01
87) Perylene-d12	23.29	264	494458	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	611552	84.44	ng		-0.01
7) Phenol-d6	6.69	99	861559	85.59	ng		-0.01
23) Nitrobenzene-d5	8.64	82	970054	99.39	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	306068	73.41	ng		-0.01
45) 2-Fluorobiphenyl	12.75	172	1948344	88.84	ng		-0.02
79) Terphenyl-d14	19.56	244	1988068	96.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	110519	38.523	ng		94
3) Pyridine	3.50	79	379586	44.975	ng		94
4) n-Nitrosodimethylamine	3.42	42	139307	47.954	ng	#	84
6) Aniline	6.83	93	524365	41.525	ng		98
8) 2-Chlorophenol	7.05	128	350595	40.973	ng		95
9) Benzaldehyde	6.65	77	276922	45.133	ng		88
10) Phenol	6.72	94	452743	42.469	ng		90
11) bis(2-Chloroethyl)ether	6.93	93	342734	40.452	ng		98
12) 1,3-Dichlorobenzene	7.36	146	388654	40.675	ng	#	93
13) 1,4-Dichlorobenzene	7.51	146	398222	41.041	ng		96
14) 1,2-Dichlorobenzene	7.82	146	390330	41.730	ng		98
15) Benzyl Alcohol	7.73	79	381155	46.469	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.00	45	248095	32.539	ng		86
17) 2-Methylphenol	7.94	107	294519	41.375	ng	#	93
18) Hexachloroethane	8.52	117	122542	34.456	ng		96
19) n-Nitroso-di-n-propylamine	8.29	70	335391	44.623	ng		96
20) 3+4-Methylphenols	8.27	107	418925	42.000	ng		95
22) Acetophenone	8.30	105	585806	44.216	ng		97
24) Nitrobenzene	8.68	77	486851	49.920	ng		92
25) Isophorone	9.20	82	708191	43.581	ng		97
26) 2-Nitrophenol	9.38	139	163136	34.105	ng	#	84
27) 2,4-Dimethylphenol	9.46	122	278006	40.327	ng		91
28) bis(2-Chloroethoxy)methane	9.68	93	443904	41.908	ng		97
29) 2,4-Dichlorophenol	9.92	162	335267	43.863	ng		97
30) 1,2,4-Trichlorobenzene	10.11	180	384689	44.246	ng		95
31) Naphthalene	10.29	128	1005125	41.058	ng		99
32) Benzoic acid	9.66	122	199265	30.525	ng	#	84
33) 4-Chloroaniline	10.43	127	438551	40.897	ng		95
34) Hexachlorobutadiene	10.56	225	247482	45.007	ng		98
35) Caprolactam	11.26	113	112690	38.692	ng		95
36) 4-Chloro-3-methylphenol	11.58	107	388049	42.251	ng		94
37) 2-Methylnaphthalene	11.92	142	712820	41.289	ng		96
38) 1-Methylnaphthalene	12.14	142	683247	40.558	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	12.29	216	439880	45.032	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	11010	10.404 ng		98
43) 2,4,6-Trichlorophenol	12.56	196	274945	43.763 ng		97
44) 2,4,5-Trichlorophenol	12.65	196	279380	41.888 ng		97
46) 1,1'-Biphenyl	12.96	154	1081042	42.303 ng		98
47) 2-Chloronaphthalene	13.00	162	817418	43.459 ng		98
48) 2-Nitroaniline	13.24	65	296215	51.124 ng		92
49) Acenaphthylene	13.86	152	1175257	41.463 ng		100
50) Dimethylphthalate	13.62	163	951228	40.279 ng		100
51) 2,6-Dinitrotoluene	13.75	165	199310	38.392 ng		87
52) Acenaphthene	14.20	154	714958	41.274 ng		99
53) 3-Nitroaniline	14.09	138	225366	41.251 ng		88
54) 2,4-Dinitrophenol	14.32	184	6872	2.400 ng		94
55) Dibenzofuran	14.55	168	1186464	42.627 ng		97
56) 4-Nitrophenol	14.43	139	152245	36.755 ng	#	76
57) 2,4-Dinitrotoluene	14.55	165	279689	38.976 ng	#	84
58) Fluorene	15.20	166	913753	42.505 ng		99
59) 2,3,4,6-Tetrachlorophenol	14.79	232	220900	36.775 ng	#	94
60) Diethylphthalate	14.99	149	1042285	40.897 ng		98
61) 4-Chlorophenyl-phenylether	15.20	204	538311	44.276 ng		99
62) 4-Nitroaniline	15.26	138	211356	40.771 ng	#	69
63) Azobenzene	15.50	77	1124862	48.406 ng		95
65) 4,6-Dinitro-2-methylphenol	15.33	198	14198	3.361 ng		99
66) n-Nitrosodiphenylamine	15.43	169	843665	44.463 ng		97
67) 4-Bromophenyl-phenylether	16.10	248	313728	45.146 ng		96
68) Hexachlorobenzene	16.21	284	328391	43.135 ng		97
69) Atrazine	16.40	200	233089	36.388 ng		99
70) Pentachlorophenol	16.57	266	218572	43.472 ng		97
71) Phenanthrene	16.95	178	1269980	40.747 ng		99
72) Anthracene	17.04	178	1254288	40.565 ng		98
73) Carbazole	17.33	167	1196081	37.688 ng		99
74) Di-n-butylphthalate	17.89	149	1631533	41.665 ng		100
75) Fluoranthene	18.98	202	1238800	34.186 ng		99
77) Benzidine	19.19	184	472417	39.950 ng		99
78) Pyrene	19.35	202	1252974	45.093 ng		99
80) Butylbenzylphthalate	20.27	149	604193	45.707 ng		88
81) Benzo(a)anthracene	21.12	228	1119166	41.084 ng		99
82) 3,3'-Dichlorobenzidine	21.06	252	465907	42.811 ng		97
83) Chrysene	21.17	228	1062968	40.569 ng		100
84) Bis(2-ethylhexyl)phthalate	21.05	149	918502	46.623 ng		97
85) Di-n-octyl phthalate	21.92	149	1430470	44.336 ng		98
86) Indeno(1,2,3-cd)pyrene	25.43	276	1354188	51.885 ng		97
88) Benzo(b)fluoranthene	22.65	252	1142094	41.120 ng		99
89) Benzo(k)fluoranthene	22.69	252	1091509	39.460 ng		98
90) Benzo(a)pyrene	23.20	252	1077361	40.784 ng		98
91) Dibenzo(a,h)anthracene	25.44	278	1155310	47.213 ng		98
92) Benzo(g,h,i)perylene	26.08	276	1104521	47.750 ng		97

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

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