Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111505.D
Acq On : 16 Dec 2018 13:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 17 06:39:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	185355	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	676567	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	321533	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	579902	20.00	ng		0.00
76) Chrysene-d12	13.95	240	432968	20.00	ng		0.00
87) Perylene-d12	15.38	264	307157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	937504	84.17	ng		0.00
7) Phenol-d6	6.43	99	1203227	81.21	ng		0.00
23) Nitrobenzene-d5	7.35	82	972437	85.59	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	238769	82.90	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1776278	85.33	ng		0.00
79) Terphenyl-d14	12.90	244	1576341	85.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	207179	38.511	ng		98
3) Pyridine	3.21	79	528959	39.149	ng		95
4) n-Nitrosodimethylamine	3.16	42	240536	39.193	ng		91
6) Aniline	6.45	93	752407	40.939	ng	#	84
8) 2-Chlorophenol	6.58	128	556751	41.833	ng		93
9) Benzaldehyde	6.33	77	330424	36.768	ng		97
10) Phenol	6.45	94	672112	40.721	ng		80
11) bis(2-Chloroethyl)ether	6.53	93	515126	39.813	ng		99
12) 1,3-Dichlorobenzene	6.73	146	602005	41.091	ng		98
13) 1,4-Dichlorobenzene	6.80	146	595201	40.026	ng		98
14) 1,2-Dichlorobenzene	6.96	146	544430	38.917	ng		97
15) Benzyl Alcohol	6.93	79	456820	40.521	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1016116	40.222	ng		100
17) 2-Methylphenol	7.05	107	443173	41.375	ng		98
18) Hexachloroethane	7.30	117	219128	39.596	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	377715	38.640	ng		95
20) 3+4-Methylphenols	7.20	107	543884	40.480	ng		93
22) Acetophenone	7.20	105	738995	48.930	ng	#	93
24) Nitrobenzene	7.37	77	485221	41.865	ng		92
25) Isophorone	7.61	82	782528	40.706	ng		99
26) 2-Nitrophenol	7.69	139	247999	41.260	ng		97
27) 2,4-Dimethylphenol	7.73	122	366863	42.102	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	544538	41.032	ng		98
29) 2,4-Dichlorophenol	7.93	162	392704	42.218	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	399407	41.017	ng		99
31) Naphthalene	8.09	128	1292563	40.846	ng		97
32) Benzoic acid	7.86	122	291930	38.769	ng		97
33) 4-Chloroaniline	8.15	127	576599	40.976	ng		95
34) Hexachlorobutadiene	8.22	225	229704	42.817	ng		95
35) Caprolactam	8.52	113	139121	40.283	ng		95
36) 4-Chloro-3-methylphenol	8.63	107	421992	41.215	ng		97
37) 2-Methylnaphthalene	8.79	142	850426	39.715	ng		99
38) 1-Methylnaphthalene	8.89	142	821682	39.720	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	365146	41.410	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	186034	41.093 ng		99
43) 2,4,6-Trichlorophenol	9.07	196	263957	42.295 ng		98
44) 2,4,5-Trichlorophenol	9.11	196	274944	41.401 ng		95
46) 1,1'-Biphenyl	9.25	154	1132698	41.576 ng		94
47) 2-Chloronaphthalene	9.27	162	865440	41.791 ng		96
48) 2-Nitroaniline	9.37	65	277035	41.201 ng		96
49) Acenaphthylene	9.69	152	1285386	41.816 ng		95
50) Dimethylphthalate	9.55	163	954313	41.212 ng		98
51) 2,6-Dinitrotoluene	9.61	165	215330	41.312 ng	#	87
52) Acenaphthene	9.86	154	810577	41.721 ng		98
53) 3-Nitroaniline	9.78	138	259976	41.064 ng		95
54) 2,4-Dinitrophenol	9.89	184	74576	37.608 ng		87
55) Dibenzofuran	10.03	168	1171488	41.541 ng		97
56) 4-Nitrophenol	9.95	139	186237	42.507 ng		95
57) 2,4-Dinitrotoluene	10.02	165	286051	41.813 ng		94
58) Fluorene	10.37	166	863508	42.215 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	213543	41.155 ng		99
60) Diethylphthalate	10.25	149	974665	41.553 ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	423081	42.275 ng		98
62) 4-Nitroaniline	10.39	138	255084	40.701 ng		99
63) Azobenzene	10.53	77	934215	40.400 ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	125844	38.440 ng		83
66) n-Nitrosodiphenylamine	10.49	169	822455	41.127 ng		99
67) 4-Bromophenyl-phenylether	10.86	248	255389	40.861 ng		100
68) Hexachlorobenzene	10.93	284	263518	40.988 ng		95
69) Atrazine	11.02	200	236612	40.941 ng		98
70) Pentachlorophenol	11.12	266	168813	42.809 ng		97
71) Phenanthrene	11.33	178	1244147	41.636 ng		94
72) Anthracene	11.39	178	1259434	41.213 ng		95
73) Carbazole	11.54	167	1306255	41.336 ng		96
74) Di-n-butylphthalate	11.87	149	1502307	42.687 ng		96
75) Fluoranthene	12.52	202	1232574	42.164 ng		97
77) Benzidine	12.64	184	765871	48.120 ng		97
78) Pyrene	12.75	202	1273374	41.715 ng		96
80) Butylbenzylphthalate	13.37	149	618223	41.550 ng		94
81) Benzo(a)anthracene	13.94	228	972733	41.319 ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	388869	40.632 ng		97
83) Chrysene	13.97	228	1008218	40.653 ng		95
84) Bis(2-ethylhexyl)phthalate	13.93	149	817090	42.995 ng		99
85) Di-n-octyl phthalate	14.54	149	1293772	40.360 ng		99
86) Indeno(1,2,3-cd)pyrene	16.80	276	586474	32.766 ng		94
88) Benzo(b)fluoranthene	14.97	252	802983	44.840 ng		98
89) Benzo(k)fluoranthene	15.00	252	705150	41.210 ng		98
90) Benzo(a)pyrene	15.32	252	665997	41.242 ng		96
91) Dibenzo(a,h)anthracene	16.82	278	490486	38.504 ng		95
92) Benzo(g,h,i)perylene	17.22	276	486723	38.926 ng		94

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

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