Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109880.D
Acq On : 15 Oct 2018 15:45
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
10/16/2018 9:57:14 AM

Quant Time: Oct 15 17:07:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 15 16:50:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	229763	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	956696	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	444108	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	817958	20.00	ng		0.00
76) Chrysene-d12	14.15	240	604633	20.00	ng		0.00
87) Perylene-d12	15.67	264	452223	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	745973	57.63	ng		0.00
7) Phenol-d6	6.59	99	933121	53.96	ng		0.00
23) Nitrobenzene-d5	7.54	82	735626	42.39	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	202876	41.92	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1495947	46.39	ng		0.00
79) Terphenyl-d14	13.09	244	1479388	47.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	202651	29.831	ng		92
3) Pyridine	3.60	79	463134	33.045	ng		90
4) n-Nitrosodimethylamine	3.56	42	189929	37.544	ng	#	98
6) Aniline	6.64	93	606018	30.085	ng	#	52
8) 2-Chlorophenol	6.76	128	423230	26.586	ng		96
9) Benzaldehyde	6.53	77	317293	28.515	ng		99
10) Phenol	6.60	94	503389	25.387	ng	#	62
11) bis(2-Chloroethyl)ether	6.70	93	420628	25.588	ng		92
12) 1,3-Dichlorobenzene	6.92	146	459942	25.261	ng		100
13) 1,4-Dichlorobenzene	6.99	146	470431	23.702	ng		99
14) 1,2-Dichlorobenzene	7.15	146	434205	24.910	ng		99
15) Benzyl Alcohol	7.11	79	355550	27.735	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	688662	31.594	ng		68
17) 2-Methylphenol	7.21	107	335350	26.638	ng	#	81
18) Hexachloroethane	7.49	117	165126	23.537	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	297654	24.546	ng		95
20) 3+4-Methylphenols	7.36	107	436721	28.153	ng	#	83
22) Acetophenone	7.38	105	576669	24.927	ng	#	96
24) Nitrobenzene	7.56	77	401041	22.207	ng		96
25) Isophorone	7.79	82	699521	24.272	ng		97
26) 2-Nitrophenol	7.87	139	148886	17.625	ng	#	87
27) 2,4-Dimethylphenol	7.90	122	341467	27.993	ng		97
28) bis(2-Chloroethoxy)methane	8.00	93	493662	25.324	ng		99
29) 2,4-Dichlorophenol	8.10	162	337470	24.665	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	373601	24.666	ng		97
31) Naphthalene	8.28	128	1146140	25.905	ng		99
32) Benzoic acid	7.99	122	198309m	22.738	ng		
33) 4-Chloroaniline	8.33	127	513483	26.354	ng		97
34) Hexachlorobutadiene	8.40	225	207236	22.005	ng		98
35) Caprolactam	8.68	113	116891	28.607	ng	#	85
36) 4-Chloro-3-methylphenol	8.79	107	354175	24.522	ng		96
37) 2-Methylnaphthalene	8.97	142	744745	25.697	ng		97
38) 1-Methylnaphthalene	9.07	142	719757	24.981	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	356296	23.568	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	170216	30.855	ng		100
43) 2,4,6-Trichlorophenol	9.25	196	221566	24.517	ng		96
44) 2,4,5-Trichlorophenol	9.28	196	229715	22.107	ng		95
46) 1,1'-Biphenyl	9.43	154	1043767	26.308	ng		98
47) 2-Chloronaphthalene	9.46	162	758791	25.528	ng		99
48) 2-Nitroaniline	9.56	65	181619	20.180	ng		90
49) Acenaphthylene	9.88	152	1098496	25.350	ng		98
50) Dimethylphthalate	9.73	163	799248	24.539	ng		100
51) 2,6-Dinitrotoluene	9.79	165	144669	20.490	ng		94
52) Acenaphthene	10.05	154	697981	27.171	ng		98
53) 3-Nitroaniline	9.96	138	179152	22.636	ng	#	96
54) 2,4-Dinitrophenol	10.06	184	31550	13.850	ng	#	1
55) Dibenzofuran	10.22	168	998331	25.927	ng		97
56) 4-Nitrophenol	10.10	139	133632	30.847	ng		96
57) 2,4-Dinitrotoluene	10.20	165	162893	18.488	ng	#	88
58) Fluorene	10.57	166	732363	25.469	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	184883	21.888	ng		94
60) Diethylphthalate	10.43	149	805463	24.959	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	381363	25.139	ng		99
62) 4-Nitroaniline	10.57	138	166881	22.769	ng		97
63) Azobenzene	10.72	77	847485	25.860	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	56915	14.296	ng		96
66) n-Nitrosodiphenylamine	10.67	169	702619	25.339	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	229937	24.465	ng		99
68) Hexachlorobenzene	11.12	284	244411	24.016	ng		97
69) Atrazine	11.20	200	218053	25.198	ng		98
70) Pentachlorophenol	11.30	266	139033	24.278	ng		97
71) Phenanthrene	11.53	178	1107791	27.063	ng		99
72) Anthracene	11.59	178	1107339	26.169	ng		100
73) Carbazole	11.73	167	1086523	26.475	ng		100
74) Di-n-butylphthalate	12.06	149	1229351	25.827	ng		99
75) Fluoranthene	12.72	202	1108093	25.912	ng		98
77) Benzidine	12.84	184	639918	28.490	ng		97
78) Pyrene	12.95	202	1142898	25.799	ng		99
80) Butylbenzylphthalate	13.56	149	452620	23.566	ng		100
81) Benzo(a)anthracene	14.14	228	902890	27.060	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	330341	24.588	ng	#	97
83) Chrysene	14.18	228	857260	24.460	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	602012	25.692	ng		96
85) Di-n-octyl phthalate	14.74	149	842919	22.758	ng		97
86) Indeno(1,2,3-cd)pyrene	17.22	276	609829	24.310	ng	#	94
88) Benzo(b)fluoranthene	15.22	252	655652	26.236	ng		98
89) Benzo(k)fluoranthene	15.24	252	688398	27.416	ng	#	96
90) Benzo(a)pyrene	15.60	252	614473	27.095	ng		97
91) Dibenzo(a,h)anthracene	17.24	278	509550	27.358	ng		97
92) Benzo(g,h,i)perylene	17.69	276	502535	27.020	ng	#	93

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

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