Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109210.D
Acq On : 22 Sep 2018 10:09
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
9/24/2018 11:38:29 AM

Quant Time: Sep 22 11:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 11:08:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105449	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	416943	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	199676	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	396719	20.00	ng		0.00
75) Chrysene-d12	13.84	240	319902	20.00	ng		0.00
86) Perylene-d12	15.24	264	323769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	325951	51.34	ng		0.00
7) Phenol-d6	6.34	99	412951	50.44	ng		0.00
23) Nitrobenzene-d5	7.27	82	364930	49.09	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	102379	47.24	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	720807	56.56	ng		0.00
78) Terphenyl-d14	12.79	244	639181	47.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	73524	24.328	ng		94
3) Pyridine	3.06	79	200486	25.024	ng		91
4) n-Nitrosodimethylamine	2.99	42	80684	26.666	ng		100
6) Aniline	6.36	93	269476	25.466	ng		99
8) 2-Chlorophenol	6.49	128	181415	25.533	ng		98
9) Benzaldehyde	6.25	77	140507	26.873	ng		95
10) Phenol	6.35	94	234014	25.404	ng		93
11) bis(2-Chloroethyl)ether	6.44	93	181231	25.008	ng		98
12) 1,3-Dichlorobenzene	6.65	146	206266	25.385	ng		97
13) 1,4-Dichlorobenzene	6.72	146	209303	25.676	ng		98
14) 1,2-Dichlorobenzene	6.87	146	194238	25.703	ng		100
15) Benzyl Alcohol	6.85	79	163739	26.345	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	257490	24.798	ng		97
17) 2-Methylphenol	6.96	107	146205	25.222	ng		97
18) Hexachloroethane	7.22	117	72947	24.640	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	132419	24.470	ng		99
20) 3+4-Methylphenols	7.12	107	178297	25.539	ng	#	55
22) Acetophenone	7.12	105	243471	25.713	ng	#	92
24) Nitrobenzene	7.29	77	193532	25.251	ng		98
25) Isophorone	7.53	82	316245	24.749	ng		98
26) 2-Nitrophenol	7.60	139	71370	19.943	ng		98
27) 2,4-Dimethylphenol	7.65	122	141175	25.148	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	212742	24.740	ng		99
29) 2,4-Dichlorophenol	7.85	162	148904	24.891	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	165080	25.528	ng		95
31) Naphthalene	8.01	128	494678	25.562	ng		99
32) Benzoic acid	7.75	122	75841	20.676	ng		93
33) 4-Chloroaniline	8.06	127	218334	25.375	ng		99
34) Hexachlorobutadiene	8.13	225	99841	25.290	ng		98
35) Caprolactam	8.42	113	46627	23.907	ng		90
36) 4-Chloro-3-methylphenol	8.54	107	157567	25.021	ng		98
37) 2-Methylnaphthalene	8.70	142	321588	25.493	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	164431	26.164	ng		98
40) Hexachlorocyclopentadiene	8.86	237	67795	21.411	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	105632	25.006	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	113402	25.690	ng		94
45) 1,1'-Biphenyl	9.16	154	424722	26.587	ng		97
46) 2-Chloronaphthalene	9.19	162	334978	26.183	ng		98
47) 2-Nitroaniline	9.27	65	92775	23.588	ng		88
48) Acenaphthylene	9.60	152	505879	26.226	ng		99
49) Dimethylphthalate	9.46	163	370387	25.953	ng		99
50) 2,6-Dinitrotoluene	9.52	165	75922	23.988	ng		98
51) Acenaphthene	9.77	154	305650	25.447	ng		99
52) 3-Nitroaniline	9.69	138	89001	23.881	ng		99
53) 2,4-Dinitrophenol	9.79	184	17270	14.159	ng	#	20
54) Dibenzofuran	9.94	168	454909	26.209	ng		96
55) 4-Nitrophenol	9.85	139	63809	23.239	ng		96
56) 2,4-Dinitrotoluene	9.92	165	91226	22.040	ng	#	98
57) Fluorene	10.28	166	323358	27.955	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	89109	24.379	ng		92
59) Diethylphthalate	10.16	149	374114	25.959	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	169802	27.415	ng		98
61) 4-Nitroaniline	10.29	138	85014	24.010	ng		93
62) Azobenzene	10.43	77	386111	26.173	ng		98
64) 4,6-Dinitro-2-methylphenol	10.33	198	32300	17.017	ng		95
65) n-Nitrosodiphenylamine	10.39	169	331326	25.532	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	112105	25.065	ng		91
67) Hexachlorobenzene	10.83	284	117220	24.503	ng	#	89
68) Atrazine	10.92	200	102992	24.793	ng		99
69) Pentachlorophenol	11.02	266	68885	22.506	ng		99
70) Phenanthrene	11.24	178	501775	25.802	ng		98
71) Anthracene	11.29	178	510214	25.881	ng		100
72) Carbazole	11.44	167	509097	26.088	ng		100
73) Di-n-butylphthalate	11.78	149	589328	25.799	ng		99
74) Fluoranthene	12.42	202	538732	26.241	ng		97
76) Benzidine	12.54	184	301360	26.612	ng		99
77) Pyrene	12.65	202	560808	23.601	ng		99
79) Butylbenzylphthalate	13.27	149	240798	22.689	ng		96
80) Benzo(a)anthracene	13.83	228	478963	24.730	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	192227	24.595	ng		98
82) Chrysene	13.86	228	472060	24.361	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	310391	24.154	ng		98
84) Di-n-octyl phthalate	14.44	149	538278	24.699	ng		99
85) Indeno(1,2,3-cd)pyrene	16.57	276	388119	25.053	ng		94
87) Benzo(b)fluoranthene	14.84	252	467367	26.093	ng		97
88) Benzo(k)fluoranthene	14.87	252	398280m	23.807	ng		
89) Benzo(a)pyrene	15.18	252	401912	25.267	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	321449	24.054	ng		96
91) Benzo(g,h,i)perylene	16.97	276	306001	22.903	ng	#	93

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

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