Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109213.D
Acq On : 22 Sep 2018 11:28
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
9/24/2018 11:38:35 AM

Quant Time: Sep 22 12:02:26 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	6.71	152	103760	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	412744	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	196848	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	386740	20.00	ng		0.00
75) Chrysene-d12	13.84	240	269336	20.00	ng		0.00
86) Perylene-d12	15.24	264	261901	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	728090	116.55	ng		0.00
7) Phenol-d6	6.35	99	918996	114.08	ng		0.00
23) Nitrobenzene-d5	7.27	82	850220	115.54	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	229610	107.48	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1440075	114.62	ng		0.00
78) Terphenyl-d14	12.80	244	1287609	113.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	172670	58.064	ng		94
3) Pyridine	3.06	79	458043	58.103	ng		92
4) n-Nitrosodimethylamine	3.01	42	197194	66.232	ng	#	98
6) Aniline	6.37	93	586936	56.370	ng		97
8) 2-Chlorophenol	6.50	128	399884	57.198	ng		96
9) Benzaldehyde	6.25	77	267029	51.902	ng		97
10) Phenol	6.37	94	520049	57.375	ng	#	65
11) bis(2-Chloroethyl)ether	6.45	93	409423	57.416	ng		98
12) 1,3-Dichlorobenzene	6.65	146	459200	57.434	ng		98
13) 1,4-Dichlorobenzene	6.73	146	461922	57.589	ng		98
14) 1,2-Dichlorobenzene	6.88	146	420068	56.490	ng		99
15) Benzyl Alcohol	6.86	79	358713	58.655	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	580832	56.849	ng		95
17) 2-Methylphenol	6.97	107	328308	57.559	ng		96
18) Hexachloroethane	7.22	117	167995	57.668	ng		96
19) n-Nitroso-di-n-propylamine	7.14	70	305991	57.466	ng		99
20) 3+4-Methylphenols	7.13	107	381616	55.552	ng	#	63
22) Acetophenone	7.12	105	526390	56.158	ng	#	90
24) Nitrobenzene	7.30	77	445000	58.652	ng		99
25) Isophorone	7.54	82	739448	58.456	ng		97
26) 2-Nitrophenol	7.61	139	194238	54.827	ng		99
27) 2,4-Dimethylphenol	7.65	122	319760	57.540	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	478416	56.202	ng		99
29) 2,4-Dichlorophenol	7.85	162	338657	57.187	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	364524	56.944	ng		99
31) Naphthalene	8.02	128	1074293	56.078	ng		100
32) Benzoic acid	7.80	122	235835	64.947	ng		95
33) 4-Chloroaniline	8.06	127	475800	55.860	ng		98
34) Hexachlorobutadiene	8.14	225	220867	56.516	ng		99
35) Caprolactam	8.45	113	113257m	58.661	ng		
36) 4-Chloro-3-methylphenol	8.55	107	353698	56.736	ng		100
37) 2-Methylnaphthalene	8.70	142	689272	55.196	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	343212	55.396	ng		98
40) Hexachlorocyclopentadiene	8.86	237	172421	55.235	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	237405	57.009	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	248016	56.992	ng		97
45) 1,1'-Biphenyl	9.17	154	885400	56.221	ng		100
46) 2-Chloronaphthalene	9.19	162	708208	56.152	ng		99
47) 2-Nitroaniline	9.29	65	228133	58.837	ng		94
48) Acenaphthylene	9.60	152	1078721	56.727	ng		99
49) Dimethylphthalate	9.47	163	805560	57.256	ng		100
50) 2,6-Dinitrotoluene	9.53	165	178532	57.219	ng		87
51) Acenaphthene	9.77	154	668996	56.498	ng		99
52) 3-Nitroaniline	9.70	138	205564	55.951	ng		94
53) 2,4-Dinitrophenol	9.80	184	58340	48.516	ng	#	19
54) Dibenzofuran	9.95	168	952097	55.642	ng		96
55) 4-Nitrophenol	9.86	139	155686	57.514	ng		88
56) 2,4-Dinitrotoluene	9.93	165	226307	55.461	ng	#	97
57) Fluorene	10.29	166	664469	58.271	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	202395	56.168	ng		92
59) Diethylphthalate	10.17	149	818358	57.600	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	347805	56.961	ng		98
61) 4-Nitroaniline	10.31	138	205745	58.943	ng		92
62) Azobenzene	10.44	77	848841	58.366	ng		98
64) 4,6-Dinitro-2-methylphenol	10.35	198	97261	52.563	ng	#	75
65) n-Nitrosodiphenylamine	10.40	169	714262	56.461	ng		95
66) 4-Bromophenyl-phenylether	10.77	248	239539	54.940	ng	#	89
67) Hexachlorobenzene	10.84	284	254879	54.653	ng	#	88
68) Atrazine	10.93	200	223482	55.186	ng		96
69) Pentachlorophenol	11.03	266	173193	58.045	ng		98
70) Phenanthrene	11.25	178	1062895	56.066	ng		98
71) Anthracene	11.29	178	1085242	56.471	ng		100
72) Carbazole	11.45	167	1081169	56.832	ng		100
73) Di-n-butylphthalate	11.79	149	1260757	56.615	ng		99
74) Fluoranthene	12.42	202	1133856	56.653	ng		98
76) Benzidine	12.55	184	559764	58.712	ng		98
77) Pyrene	12.65	202	1164387	58.202	ng		99
79) Butylbenzylphthalate	13.27	149	533127	59.663	ng		95
80) Benzo(a)anthracene	13.83	228	941782	57.755	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	366570	55.708	ng		98
82) Chrysene	13.87	228	962064	58.969	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	634375	58.634	ng		99
84) Di-n-octyl phthalate	14.44	149	1123097	61.208	ng		100
85) Indeno(1,2,3-cd)pyrene	16.59	276	739725	56.713	ng	#	94
87) Benzo(b)fluoranthene	14.84	252	819156	56.537	ng		97
88) Benzo(k)fluoranthene	14.87	252	826832	61.098	ng		98
89) Benzo(a)pyrene	15.19	252	756110	58.763	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	605696	56.030	ng	#	95
91) Benzo(g,h,i)perylene	16.99	276	607060	56.169	ng	#	93

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

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