Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022218\
Data File : BF103160.D
Acq On : 22 Feb 2018 14:13
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
2/23/2018 10:20:32 AM

Quant Time: Feb 22 14:54:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 22 13:59:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	158833	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	673144	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	300888	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	510452	20.00	ng		0.00
75) Chrysene-d12	14.06	240	341851	20.00	ng		0.00
86) Perylene-d12	15.54	264	318444	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1449719	138.61	ng		0.00
7) Phenol-d6	6.52	99	1778817	141.25	ng		0.01
23) Nitrobenzene-d5	7.45	82	1649807	170.02	ng		0.01
41) 2,4,6-Tribromophenol	10.72	330	356405	147.17	ng		0.01
44) 2-Fluorobiphenyl	9.24	172	2236090	123.32	ng		0.01
78) Terphenyl-d14	12.99	244	1863219	129.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	437963	84.781	ng		90
3) Pyridine	3.42	79	1235067	86.536	ng		94
4) n-Nitrosodimethylamine	3.40	42	497049	81.397	ng		97
6) Aniline	6.55	93	1317114	70.824	ng		95
8) 2-Chlorophenol	6.67	128	755588	70.174	ng		99
9) Benzaldehyde	6.43	77	450408	48.162	ng		98
10) Phenol	6.53	94	1007346	74.642	ng		75
11) bis(2-Chloroethyl)ether	6.62	93	832279	74.112	ng		92
12) 1,3-Dichlorobenzene	6.82	146	873109	70.024	ng		99
13) 1,4-Dichlorobenzene	6.89	146	866424	69.757	ng		100
14) 1,2-Dichlorobenzene	7.05	146	750062	64.835	ng		98
15) Benzyl Alcohol	7.02	79	633609	65.443	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1370577	64.248	ng		99
17) 2-Methylphenol	7.13	107	730030	73.504	ng		95
18) Hexachloroethane	7.39	117	326718	76.709	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	573201	69.037	ng		99
22) Acetophenone	7.29	105	1004329	60.970	ng	#	88
24) Nitrobenzene	7.47	77	895152	83.497	ng		98
25) Isophorone	7.70	82	1765128	78.998	ng		98
26) 2-Nitrophenol	7.77	139	477825	117.508	ng		96
27) 2,4-Dimethylphenol	7.82	122	691214	73.223	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	970908	73.352	ng		99
29) 2,4-Dichlorophenol	8.02	162	633074	73.772	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	663818	68.378	ng		97
31) Naphthalene	8.19	128	2165648	65.848	ng		99
32) Benzoic acid	7.98	122	594245	102.171	ng		94
33) 4-Chloroaniline	8.23	127	970360	68.489	ng		98
34) Hexachlorobutadiene	8.29	225	339988	68.344	ng		99
35) Caprolactam	8.64	113	246410m	82.682	ng		
36) 4-Chloro-3-methylphenol	8.72	107	719470	74.619	ng		97
37) 2-Methylnaphthalene	8.87	142	1403559	65.183	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	554828	67.722	ng		98
40) Hexachlorocyclopentadiene	9.02	237	231214	59.368	ng		98
42) 2,4,6-Trichlorophenol	9.15	196	405636	75.381	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	452948	74.681	ng		98
45) 1,1'-Biphenyl	9.34	154	1629848	64.312	ng		100
46) 2-Chloronaphthalene	9.37	162	1348547	67.590	ng		98
47) 2-Nitroaniline	9.46	65	550291	108.109	ng		88
48) Acenaphthylene	9.78	152	1964697	63.401	ng		99
49) Dimethylphthalate	9.65	163	1736748	74.028	ng		100
50) 2,6-Dinitrotoluene	9.71	165	368954	82.661	ng		95
51) Acenaphthene	9.96	154	1162692	62.740	ng		99
52) 3-Nitroaniline	9.88	138	479324	87.276	ng		99
53) 2,4-Dinitrophenol	9.99	184	147504	156.341	ng	#	17
54) Dibenzofuran	10.13	168	1564317	59.897	ng		98
55) 4-Nitrophenol	10.05	139	310512	76.808	ng		95
56) 2,4-Dinitrotoluene	10.12	165	436777	88.682	ng	#	92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	308342	73.351	ng		98
59) Diethylphthalate	10.34	149	1529185	66.012	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	557845	66.364	ng		96
61) 4-Nitroaniline	10.50	138	486149	92.996	ng		96
62) Azobenzene	10.62	77	1552456	67.083	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	255860	139.141	ng		94
65) n-Nitrosodiphenylamine	10.58	169	1215092	67.486	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	376426	69.713	ng		97
67) Hexachlorobenzene	11.02	284	406338	68.214	ng		97
68) Atrazine	11.10	200	355217	66.874	ng		97
69) Pentachlorophenol	11.21	266	228407	65.320	ng		98
70) Phenanthrene	11.43	178	1832815	64.470	ng		99
71) Anthracene	11.49	178	1871465	64.723	ng		100
72) Carbazole	11.64	167	1890213	66.727	ng		98
73) Di-n-butylphthalate	11.96	149	2349271	68.272	ng		99
74) Fluoranthene	12.62	202	1838714	64.285	ng		99
77) Pyrene	12.86	202	1912205	71.334	ng		100
79) Butylbenzylphthalate	13.46	149	1037629	88.419	ng		96
80) Benzo(a)anthracene	14.04	228	1619127	75.311	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	491518	61.660	ng		98
82) Chrysene	14.09	228	1515172	69.913	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1238149	75.399	ng		99
84) Di-n-octyl phthalate	14.64	149	2177321	88.304	ng		100
85) Indeno(1,2,3-cd)pyrene	17.06	276	1272772	70.810	ng		98
87) Benzo(b)fluoranthene	15.12	252	1556646	75.397	ng		97
88) Benzo(k)fluoranthene	15.14	252	1381329	70.022	ng		99
89) Benzo(a)pyrene	15.49	252	1361045	73.238	ng		98
90) Dibenzo(a,h)anthracene	17.09	278	1044385	69.238	ng		98
91) Benzo(g,h,i)perylene	17.53	276	1082147	73.296	ng		98

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

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