Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103551.D
Acq On : 9 Mar 2018 10:46
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/12/2018 3:49:59 PM

Quant Time: Mar 09 12:49:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	155760	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	661314	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	289921	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	485816	20.00	ng		0.00
75) Chrysene-d12	14.06	240	320358	20.00	ng		0.00
86) Perylene-d12	15.57	264	283345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	823587	79.97	ng		0.00
7) Phenol-d6	6.51	99	965664	76.63	ng		0.00
23) Nitrobenzene-d5	7.44	82	894415	77.24	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	163059	66.45	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1265512	72.60	ng		0.00
78) Terphenyl-d14	12.99	244	980542	73.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	200490	36.859	ng		95
3) Pyridine	3.43	79	560827m	38.620	ng		
4) n-Nitrosodimethylamine	3.39	42	235754m	40.255	ng		
6) Aniline	6.53	93	684015	37.609	ng	#	83
8) 2-Chlorophenol	6.66	128	408527	38.185	ng		95
9) Benzaldehyde	6.43	77	271213	33.866	ng		97
10) Phenol	6.52	94	542782	37.102	ng		87
11) bis(2-Chloroethyl)ether	6.60	93	442317	39.836	ng		95
12) 1,3-Dichlorobenzene	6.80	146	470617	38.493	ng		96
13) 1,4-Dichlorobenzene	6.88	146	493171	40.234	ng		99
14) 1,2-Dichlorobenzene	7.03	146	420930	37.242	ng		99
15) Benzyl Alcohol	7.02	79	331708	34.931	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	686803	36.021	ng		62
17) 2-Methylphenol	7.13	107	364612	37.502	ng	#	86
18) Hexachloroethane	7.37	117	168677	37.801	ng		93
19) n-Nitroso-di-n-propylamine	7.28	70	305792	38.989	ng		97
20) 3+4-Methylphenols	7.28	107	471246	39.762	ng	#	54
22) Acetophenone	7.28	105	618702	40.081	ng	#	88
24) Nitrobenzene	7.46	77	513065	40.242	ng		97
25) Isophorone	7.69	82	899963	39.460	ng		97
26) 2-Nitrophenol	7.77	139	238444	39.727	ng	#	90
27) 2,4-Dimethylphenol	7.80	122	343335	37.424	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	527926	39.371	ng		98
29) 2,4-Dichlorophenol	8.02	162	349541	39.795	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	347584	37.161	ng		100
31) Naphthalene	8.17	128	1206983	37.279	ng		99
32) Benzoic acid	7.97	122	243865	37.582	ng		93
33) 4-Chloroaniline	8.23	127	537768	38.491	ng		95
34) Hexachlorobutadiene	8.27	225	176321	36.200	ng		98
35) Caprolactam	8.61	113	112222	36.353	ng	#	72
36) 4-Chloro-3-methylphenol	8.72	107	389933	39.359	ng		98
37) 2-Methylnaphthalene	8.86	142	772317	36.910	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	298435	37.653	ng		96
40) Hexachlorocyclopentadiene	9.00	237	91771	38.084	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	189790	35.587	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	212369	34.622	ng		95
45) 1,1'-Biphenyl	9.33	154	927365	38.173	ng		99
46) 2-Chloronaphthalene	9.36	162	739828	38.493	ng		99
47) 2-Nitroaniline	9.46	65	302047	42.426	ng		84
48) Acenaphthylene	9.77	152	1082436	36.604	ng		100
49) Dimethylphthalate	9.63	163	797183	34.276	ng		99
50) 2,6-Dinitrotoluene	9.70	165	177131	36.292	ng	#	87
51) Acenaphthene	9.95	154	631440	36.619	ng		99
52) 3-Nitroaniline	9.88	138	237885	38.416	ng		98
53) 2,4-Dinitrophenol	10.01	184	48886	34.015	ng	#	22
54) Dibenzofuran	10.12	168	850281	35.921	ng		95
55) 4-Nitrophenol	10.06	139	134368	35.011	ng	#	84
56) 2,4-Dinitrotoluene	10.12	165	211296	34.230	ng	#	69
57) Fluorene	10.46	166	720888	35.750	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	137060	33.263	ng	#	88
59) Diethylphthalate	10.32	149	805240	36.200	ng		100
60) 4-Chlorophenyl-phenylether	10.45	204	317796	37.165	ng		99
61) 4-Nitroaniline	10.50	138	221536	35.818	ng		98
62) Azobenzene	10.61	77	875047	38.647	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	97318	34.476	ng		88
65) n-Nitrosodiphenylamine	10.57	169	632663	37.402	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	186824	36.916	ng		93
67) Hexachlorobenzene	11.01	284	194233	35.361	ng		95
68) Atrazine	11.09	200	170845	33.603	ng		98
69) Pentachlorophenol	11.22	266	98142	36.952	ng		98
70) Phenanthrene	11.43	178	965894	36.127	ng		99
71) Anthracene	11.48	178	1037383	37.839	ng		100
72) Carbazole	11.64	167	1062394	38.913	ng		98
73) Di-n-butylphthalate	11.94	149	1262797	36.964	ng		99
74) Fluoranthene	12.62	202	971050	36.143	ng		98
76) Benzidine	12.74	184	504980	42.164	ng		98
77) Pyrene	12.86	202	994865	39.831	ng		100
79) Butylbenzylphthalate	13.45	149	531395	40.268	ng		91
80) Benzo(a)anthracene	14.05	228	763005	36.708	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	256995	34.644	ng		97
82) Chrysene	14.09	228	759862	37.649	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	647952	36.385	ng		98
84) Di-n-octyl phthalate	14.63	149	1103593	38.356	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	586512	36.707	ng		97
87) Benzo(b)fluoranthene	15.12	252	652947	35.049	ng		97
88) Benzo(k)fluoranthene	15.15	252	643084	36.658	ng		100
89) Benzo(a)pyrene	15.50	252	600597	36.102	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	497834	38.727	ng		98
91) Benzo(g,h,i)perylene	17.59	276	502652	40.008	ng		99

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

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