Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103294.D
Acq On : 28 Feb 2018 15:45
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/1/2018 11:42:56 AM

Quant Time: Mar 01 00:09:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146173	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	620292	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	285027	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	493604	20.00	ng		0.00
75) Chrysene-d12	14.06	240	334585	20.00	ng		0.00
86) Perylene-d12	15.55	264	304567	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	748800	77.48	ng		0.00
7) Phenol-d6	6.51	99	904012	76.44	ng		0.00
23) Nitrobenzene-d5	7.44	82	860454	79.22	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	165038	68.41	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1245502	72.70	ng		0.00
78) Terphenyl-d14	12.99	244	992665	71.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	201523	39.479	ng		93
3) Pyridine	3.42	79	541433	39.730	ng		99
4) n-Nitrosodimethylamine	3.37	42	249543	45.404	ng	#	87
6) Aniline	6.54	93	669286	39.213	ng		95
8) 2-Chlorophenol	6.66	128	380267	37.875	ng		96
9) Benzaldehyde	6.43	77	281490	38.823	ng		96
10) Phenol	6.52	94	526389	38.341	ng		88
11) bis(2-Chloroethyl)ether	6.61	93	404262	38.797	ng		94
12) 1,3-Dichlorobenzene	6.82	146	430875	37.554	ng		98
13) 1,4-Dichlorobenzene	6.89	146	438127	38.087	ng		100
14) 1,2-Dichlorobenzene	7.05	146	398586	37.578	ng		99
15) Benzyl Alcohol	7.02	79	355079	39.844	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	674365	37.688	ng		96
17) 2-Methylphenol	7.13	107	348765	38.224	ng		96
18) Hexachloroethane	7.38	117	163003	38.925	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	287644	39.081	ng		94
20) 3+4-Methylphenols	7.28	107	401154	36.068	ng	#	68
22) Acetophenone	7.29	105	543750	37.555	ng	#	89
24) Nitrobenzene	7.46	77	478799	40.038	ng		98
25) Isophorone	7.69	82	821209	38.388	ng		95
26) 2-Nitrophenol	7.77	139	220658	39.195	ng		93
27) 2,4-Dimethylphenol	7.81	122	323706	37.617	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	478587	38.052	ng		98
29) 2,4-Dichlorophenol	8.02	162	312315	37.908	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	325947	37.152	ng		98
31) Naphthalene	8.18	128	1134271	37.351	ng		100
32) Benzoic acid	7.93	122	187687m	32.078	ng		
33) 4-Chloroaniline	8.23	127	499293	38.101	ng		95
34) Hexachlorobutadiene	8.29	225	171385	37.513	ng		98
35) Caprolactam	8.61	113	115491	39.886	ng	#	81
36) 4-Chloro-3-methylphenol	8.71	107	362624	39.023	ng		97
37) 2-Methylnaphthalene	8.87	142	724003	36.889	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	282032	36.195	ng		96
40) Hexachlorocyclopentadiene	9.02	237	90676	38.231	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	196165	37.414	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	218231	36.189	ng		95
45) 1,1'-Biphenyl	9.33	154	868411	36.360	ng		99
46) 2-Chloronaphthalene	9.36	162	686906	36.353	ng		99
47) 2-Nitroaniline	9.46	65	284732	40.681	ng		86
48) Acenaphthylene	9.78	152	1051118	36.155	ng		99
49) Dimethylphthalate	9.63	163	836602	36.588	ng		99
50) 2,6-Dinitrotoluene	9.70	165	179155	37.337	ng	#	88
51) Acenaphthene	9.95	154	609406	35.948	ng		99
52) 3-Nitroaniline	9.87	138	232365	38.169	ng		94
53) 2,4-Dinitrophenol	9.99	184	60330	40.243	ng	#	19
54) Dibenzofuran	10.12	168	865071	37.173	ng		95
55) 4-Nitrophenol	10.04	139	135756	35.980	ng	#	83
56) 2,4-Dinitrotoluene	10.11	165	225955	37.233	ng	#	82
57) Fluorene	10.46	166	689585	34.785	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	143559	35.438	ng		93
59) Diethylphthalate	10.33	149	791679	36.201	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	306280	36.433	ng		97
61) 4-Nitroaniline	10.49	138	230554	37.916	ng		95
62) Azobenzene	10.62	77	871934	39.171	ng		95
64) 4,6-Dinitro-2-methylphenol	10.52	198	98451	34.348	ng	#	79
65) n-Nitrosodiphenylamine	10.57	169	619060	36.020	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	182402	35.474	ng		95
67) Hexachlorobenzene	11.02	284	195251	34.985	ng		99
68) Atrazine	11.10	200	186298	36.064	ng		97
69) Pentachlorophenol	11.22	266	104284	38.645	ng		96
70) Phenanthrene	11.43	178	966614	35.584	ng		98
71) Anthracene	11.49	178	989876	35.536	ng		99
72) Carbazole	11.64	167	1008881	36.370	ng		99
73) Di-n-butylphthalate	11.96	149	1252003	36.070	ng		99
74) Fluoranthene	12.63	202	959296	35.142	ng		99
76) Benzidine	12.74	184	443280	35.438	ng		98
77) Pyrene	12.86	202	996321	38.193	ng		99
79) Butylbenzylphthalate	13.46	149	533815	38.732	ng		93
80) Benzo(a)anthracene	14.04	228	796915	36.709	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	273325	35.279	ng		98
82) Chrysene	14.09	228	771385	36.595	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	692152	37.215	ng	#	99
84) Di-n-octyl phthalate	14.63	149	1112874	37.034	ng		96
85) Indeno(1,2,3-cd)pyrene	17.08	276	624809	37.441	ng		98
87) Benzo(b)fluoranthene	15.12	252	692693	34.591	ng		99
88) Benzo(k)fluoranthene	15.14	252	695965	36.908	ng		100
89) Benzo(a)pyrene	15.49	252	651585	36.437	ng		98
90) Dibenzo(a,h)anthracene	17.09	278	520569	37.673	ng		98
91) Benzo(g,h,i)perylene	17.54	276	519933	38.500	ng		98

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

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