Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103623.D
Acq On : 14 Mar 2018 1:54
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/14/2018 1:30:43 PM

Quant Time: Mar 14 12:00:37 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	123451	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	527460	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	241985	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	419987	20.00	ng		0.00
75) Chrysene-d12	14.06	240	246377	20.00	ng		0.00
86) Perylene-d12	15.57	264	232947	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	709257m	86.89	ng		0.00
7) Phenol-d6	6.50	99	799698	80.07	ng		0.00
23) Nitrobenzene-d5	7.43	82	763489	82.66	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	148248	72.38	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1146880	80.64	ng		0.00
78) Terphenyl-d14	12.98	244	903219	88.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	148508	34.448	ng		93
3) Pyridine	3.40	79	381112m	33.113	ng		
4) n-Nitrosodimethylamine	3.38	42	149136m	32.129	ng		
6) Aniline	6.53	93	531211	36.852	ng	#	75
8) 2-Chlorophenol	6.65	128	346378	40.849	ng		93
9) Benzaldehyde	6.43	77	229614	37.004	ng		95
10) Phenol	6.52	94	509239	43.919	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	415550	47.220	ng		96
12) 1,3-Dichlorobenzene	6.80	146	386781	39.915	ng		97
13) 1,4-Dichlorobenzene	6.87	146	426211	43.871	ng		99
14) 1,2-Dichlorobenzene	7.03	146	368997	41.191	ng		99
15) Benzyl Alcohol	7.02	79	281432	37.393	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	574254	38.000	ng		57
17) 2-Methylphenol	7.12	107	301368	39.109	ng	#	76
18) Hexachloroethane	7.36	117	136484	38.591	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	283228	45.563	ng		94
20) 3+4-Methylphenols	7.28	107	398183	42.390	ng	#	33
22) Acetophenone	7.27	105	551038	44.757	ng	#	92
24) Nitrobenzene	7.45	77	446478	43.906	ng		95
25) Isophorone	7.68	82	743622	40.879	ng		96
26) 2-Nitrophenol	7.77	139	196739	41.097	ng		94
27) 2,4-Dimethylphenol	7.80	122	280610	38.349	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	439620	41.105	ng		99
29) 2,4-Dichlorophenol	8.02	162	289623	41.341	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	296384	39.728	ng		97
31) Naphthalene	8.16	128	1024521	39.674	ng		100
32) Benzoic acid	7.95	122	115211	25.079	ng		97
33) 4-Chloroaniline	8.23	127	459427	41.229	ng		97
34) Hexachlorobutadiene	8.26	225	146519	37.715	ng		97
35) Caprolactam	8.60	113	92595	37.607	ng	#	80
36) 4-Chloro-3-methylphenol	8.71	107	331447	41.945	ng		97
37) 2-Methylnaphthalene	8.85	142	671591	40.241	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	270459	40.883	ng		99
40) Hexachlorocyclopentadiene	8.99	237	5592	11.014	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	164148	36.876	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	188793	36.876	ng		97
45) 1,1'-Biphenyl	9.32	154	813793	40.133	ng		98
46) 2-Chloronaphthalene	9.35	162	645893	40.263	ng		99
47) 2-Nitroaniline	9.46	65	264585	44.526	ng		88
48) Acenaphthylene	9.76	152	967744	39.208	ng		99
49) Dimethylphthalate	9.62	163	733124	37.766	ng		99
50) 2,6-Dinitrotoluene	9.69	165	156257	38.357	ng	#	65
51) Acenaphthene	9.93	154	568862	39.525	ng		100
52) 3-Nitroaniline	9.88	138	212969	41.205	ng		95
53) 2,4-Dinitrophenol	10.05	184	18418	20.632	ng	#	28
54) Dibenzofuran	10.10	168	800238	40.504	ng		93
55) 4-Nitrophenol	10.09	139	34900m	10.895	ng		
56) 2,4-Dinitrotoluene	10.12	165	205161	39.820	ng	#	81
57) Fluorene	10.45	166	658458	39.123	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	139305	40.505	ng		95
59) Diethylphthalate	10.31	149	743181	40.028	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	290512	40.704	ng		95
61) 4-Nitroaniline	10.50	138	203780	39.474	ng		99
62) Azobenzene	10.60	77	801088	42.389	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	50427	22.645	ng	#	81
65) n-Nitrosodiphenylamine	10.56	169	576061	39.393	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	167815	38.358	ng		97
67) Hexachlorobenzene	11.00	284	179051	37.706	ng		97
68) Atrazine	11.09	200	162435	36.956	ng		98
69) Pentachlorophenol	11.22	266	49530	21.572	ng		93
70) Phenanthrene	11.42	178	881204	38.126	ng		99
71) Anthracene	11.47	178	969364	40.900	ng		99
72) Carbazole	11.64	167	975299	41.322	ng		99
73) Di-n-butylphthalate	11.94	149	1208392	40.916	ng		99
74) Fluoranthene	12.62	202	860167	37.034	ng		98
76) Benzidine	12.75	184	329809	35.807	ng		99
77) Pyrene	12.85	202	863337	44.944	ng		99
79) Butylbenzylphthalate	13.45	149	483979	47.688	ng		97
80) Benzo(a)anthracene	14.04	228	597749	37.392	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	220054	38.572	ng		98
82) Chrysene	14.08	228	640297	41.251	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	621527	45.381	ng		99
84) Di-n-octyl phthalate	14.62	149	1004644	45.402	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	539243	43.883	ng		98
87) Benzo(b)fluoranthene	15.12	252	500381	32.670	ng		98
88) Benzo(k)fluoranthene	15.15	252	607929	42.151	ng		99
89) Benzo(a)pyrene	15.50	252	516544	37.767	ng		98
90) Dibenzo(a,h)anthracene	17.11	278	459154	43.445	ng		97
91) Benzo(g,h,i)perylene	17.59	276	443546	42.941	ng		97

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

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