Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104927.D
Acq On : 30 Apr 2018 12:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/1/2018 7:04:28 PM

Quant Time: Apr 30 15:23:52 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	125284	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	535690	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	245771	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	447588	20.00	ng		0.00
75) Chrysene-d12	13.97	240	335711	20.00	ng		0.00
86) Perylene-d12	15.44	264	274611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	621068	75.80	ng		0.00
7) Phenol-d6	6.44	99	774842	76.97	ng		0.00
23) Nitrobenzene-d5	7.37	82	711508	86.73	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	209287	82.09	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1233799	79.31	ng		0.00
78) Terphenyl-d14	12.92	244	1176341	79.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	135151	35.400	ng	#	87
3) Pyridine	3.23	79	379314	35.337	ng	#	84
4) n-Nitrosodimethylamine	3.21	42	130307	34.728	ng	#	79
6) Aniline	6.46	93	515636	36.866	ng		98
8) 2-Chlorophenol	6.58	128	354281	40.967	ng		95
9) Benzaldehyde	6.35	77	214241	43.199	ng		98
10) Phenol	6.45	94	419409	39.264	ng		75
11) bis(2-Chloroethyl)ether	6.53	93	336480	39.474	ng		93
12) 1,3-Dichlorobenzene	6.73	146	398574	40.682	ng		99
13) 1,4-Dichlorobenzene	6.81	146	402622	41.226	ng		100
14) 1,2-Dichlorobenzene	6.96	146	370423	40.929	ng		98
15) Benzyl Alcohol	6.95	79	283913	37.131	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	390282	34.093	ng		72
17) 2-Methylphenol	7.06	107	302081	40.184	ng	#	93
18) Hexachloroethane	7.30	117	145074	41.663	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	232694	35.372	ng		93
20) 3+4-Methylphenols	7.21	107	360551	38.672	ng	#	66
22) Acetophenone	7.21	105	493923	37.451	ng		97
24) Nitrobenzene	7.39	77	373382	41.224	ng		97
25) Isophorone	7.62	82	647476	37.323	ng		99
26) 2-Nitrophenol	7.70	139	200775	54.450	ng		95
27) 2,4-Dimethylphenol	7.74	122	282010	36.834	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	403422	38.034	ng		98
29) 2,4-Dichlorophenol	7.95	162	292406	40.027	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	326026	40.666	ng		98
31) Naphthalene	8.10	128	1036083	38.842	ng		100
32) Benzoic acid	7.90	122	235522m	38.554	ng		
33) 4-Chloroaniline	8.16	127	448793	39.272	ng		97
34) Hexachlorobutadiene	8.21	225	186564	42.485	ng		99
35) Caprolactam	8.55	113	97706m	38.340	ng		
36) 4-Chloro-3-methylphenol	8.65	107	311975	39.828	ng		97
37) 2-Methylnaphthalene	8.79	142	670203	38.843	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	303243	43.103	ng		99
40) Hexachlorocyclopentadiene	8.94	237	184927	46.952	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	202560	41.475	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	225199	41.206	ng		95
45) 1,1'-Biphenyl	9.26	154	831488	40.273	ng		99
46) 2-Chloronaphthalene	9.29	162	658882	40.402	ng		99
47) 2-Nitroaniline	9.39	65	192968	47.847	ng		97
48) Acenaphthylene	9.70	152	981763	38.370	ng		99
49) Dimethylphthalate	9.56	163	789241	40.722	ng		100
50) 2,6-Dinitrotoluene	9.63	165	170390	47.512	ng	#	84
51) Acenaphthene	9.87	154	580337	37.174	ng		100
52) 3-Nitroaniline	9.80	138	196109	46.710	ng		95
53) 2,4-Dinitrophenol	9.92	184	67548	54.282	ng	#	19
54) Dibenzofuran	10.05	168	795695	36.573	ng		98
55) 4-Nitrophenol	9.97	139	140291	42.538	ng		95
56) 2,4-Dinitrotoluene	10.04	165	205752	43.739	ng	#	95
57) Fluorene	10.39	166	669427	42.273	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	160212	39.294	ng		93
59) Diethylphthalate	10.26	149	739706	38.323	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	308968	43.810	ng		99
61) 4-Nitroaniline	10.42	138	198943	48.463	ng		97
62) Azobenzene	10.54	77	655536	35.548	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	118692	53.462	ng		80
65) n-Nitrosodiphenylamine	10.50	169	599305	38.617	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	191530	40.230	ng		91
67) Hexachlorobenzene	10.94	284	220995	41.253	ng	#	87
68) Atrazine	11.03	200	173929	37.130	ng		98
69) Pentachlorophenol	11.13	266	129029	38.933	ng		97
70) Phenanthrene	11.35	178	952665	38.220	ng		99
71) Anthracene	11.40	178	973728	38.430	ng		100
72) Carbazole	11.56	167	933653	37.709	ng		100
73) Di-n-butylphthalate	11.88	149	1149814	38.017	ng		99
74) Fluoranthene	12.54	202	973148	37.367	ng		98
76) Benzidine	12.66	184	388246	32.188	ng		98
77) Pyrene	12.77	202	1008024	40.509	ng		100
79) Butylbenzylphthalate	13.39	149	481912	41.107	ng		92
80) Benzo(a)anthracene	13.97	228	855528	42.658	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	287926	38.504	ng		99
82) Chrysene	14.00	228	789619	38.330	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	645717	42.822	ng		100
84) Di-n-octyl phthalate	14.56	149	985448	39.112	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.90	276	632763	36.159	ng		95
87) Benzo(b)fluoranthene	15.02	252	698097	40.250	ng		99
88) Benzo(k)fluoranthene	15.04	252	694906	42.439	ng		98
89) Benzo(a)pyrene	15.38	252	626856	40.394	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	515737	40.465	ng		98
91) Benzo(g,h,i)perylene	17.35	276	520980	42.191	ng		95

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

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