Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109451.D
Acq On : 29 Sep 2018 1:34
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/1/2018 9:57:32 AM

Quant Time: Sep 29 06:06:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	120279	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	475697	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	220180	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	372285	20.00	ng		0.00
75) Chrysene-d12	13.85	240	221952	20.00	ng		0.00
86) Perylene-d12	15.25	264	249409	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	571265	78.23	ng		0.00
7) Phenol-d6	6.36	99	735595	78.94	ng		0.00
23) Nitrobenzene-d5	7.28	82	687644	85.33	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	168388	77.58	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1207195	82.69	ng		0.00
78) Terphenyl-d14	12.80	244	739919	81.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	124004	36.871	ng		94
3) Pyridine	3.07	79	333320	38.507	ng		90
4) n-Nitrosodimethylamine	3.02	42	143811	39.039	ng	#	98
6) Aniline	6.37	93	458865	38.489	ng	#	45
8) 2-Chlorophenol	6.50	128	326066	40.152	ng		98
9) Benzaldehyde	6.26	77	232580	38.853	ng		98
10) Phenol	6.37	94	400701	37.971	ng	#	53
11) bis(2-Chloroethyl)ether	6.45	93	318229	38.539	ng		97
12) 1,3-Dichlorobenzene	6.65	146	366965	39.248	ng		98
13) 1,4-Dichlorobenzene	6.73	146	373825	39.686	ng		99
14) 1,2-Dichlorobenzene	6.89	146	345426	39.753	ng		98
15) Benzyl Alcohol	6.86	79	285513	40.029	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	441278	37.675	ng		91
17) 2-Methylphenol	6.97	107	261029	39.726	ng		95
18) Hexachloroethane	7.22	117	119249	35.933	ng		96
19) n-Nitroso-di-n-propylamine	7.14	70	239222	39.179	ng		94
20) 3+4-Methylphenols	7.13	107	313299	39.493	ng		87
22) Acetophenone	7.13	105	430881	39.178	ng	#	92
24) Nitrobenzene	7.30	77	353950	41.310	ng		100
25) Isophorone	7.54	82	569325	39.234	ng		98
26) 2-Nitrophenol	7.61	139	152668	45.055	ng		96
27) 2,4-Dimethylphenol	7.66	122	254398	40.235	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	381695	39.736	ng		99
29) 2,4-Dichlorophenol	7.86	162	269970	40.639	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	293256	39.506	ng		96
31) Naphthalene	8.02	128	864729	38.901	ng		100
32) Benzoic acid	7.77	122	115828m	29.937	ng		
33) 4-Chloroaniline	8.06	127	387786	39.933	ng		99
34) Hexachlorobutadiene	8.14	225	181759	40.617	ng		99
35) Caprolactam	8.45	113	82221	38.766	ng	#	79
36) 4-Chloro-3-methylphenol	8.56	107	278192	39.796	ng		96
37) 2-Methylnaphthalene	8.70	142	562934	39.283	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	288323	41.146	ng		98
40) Hexachlorocyclopentadiene	8.86	237	66460	21.745	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	191213	42.517	ng		100
43) 2,4,5-Trichlorophenol	9.03	196	195347	41.127	ng		97
45) 1,1'-Biphenyl	9.17	154	712392	39.711	ng		100
46) 2-Chloronaphthalene	9.19	162	571948	39.909	ng		99
47) 2-Nitroaniline	9.29	65	181801	44.743	ng		92
48) Acenaphthylene	9.60	152	837226	38.724	ng		99
49) Dimethylphthalate	9.47	163	654102	40.844	ng		99
50) 2,6-Dinitrotoluene	9.53	165	137858	43.465	ng		96
51) Acenaphthene	9.78	154	493472	37.752	ng		98
52) 3-Nitroaniline	9.70	138	164987	44.918	ng		93
53) 2,4-Dinitrophenol	9.80	184	18477	23.184	ng	#	21
54) Dibenzofuran	9.95	168	743287	38.236	ng		99
55) 4-Nitrophenol	9.86	139	92058	33.270	ng		93
56) 2,4-Dinitrotoluene	9.93	165	171084	42.631	ng	#	95
57) Fluorene	10.29	166	516900	37.267	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.07	232	142241	37.822	ng		90
59) Diethylphthalate	10.17	149	640004	39.465	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	279627	38.598	ng		99
61) 4-Nitroaniline	10.31	138	147222	41.100	ng		99
62) Azobenzene	10.45	77	615584	36.535	ng		94
64) 4,6-Dinitro-2-methylphenol	10.35	198	41502	30.589	ng		80
65) n-Nitrosodiphenylamine	10.40	169	544326	44.254	ng		94
66) 4-Bromophenyl-phenylether	10.77	248	181440	43.889	ng		91
67) Hexachlorobenzene	10.85	284	185234	42.188	ng	#	85
68) Atrazine	10.93	200	156963	41.493	ng		98
69) Pentachlorophenol	11.03	266	89345	33.999	ng		99
70) Phenanthrene	11.25	178	738264	39.717	ng		99
71) Anthracene	11.30	178	737294	39.107	ng		99
72) Carbazole	11.45	167	666793	35.547	ng		99
73) Di-n-butylphthalate	11.79	149	885916	41.025	ng		99
74) Fluoranthene	12.43	202	642624	32.350	ng		96
76) Benzidine	12.54	184	316678	39.573	ng		99
77) Pyrene	12.66	202	641151	40.306	ng		99
79) Butylbenzylphthalate	13.27	149	273051	40.348	ng		99
80) Benzo(a)anthracene	13.84	228	503933	37.695	ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	219137	43.131	ng		98
82) Chrysene	13.87	228	509326	38.438	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	339207	39.744	ng		99
84) Di-n-octyl phthalate	14.44	149	643984	44.130	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	512594	47.726	ng	#	93
87) Benzo(b)fluoranthene	14.86	252	541155	39.486	ng		97
88) Benzo(k)fluoranthene	14.88	252	483971	37.215	ng		97
89) Benzo(a)pyrene	15.19	252	491880	39.831	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	430076	42.451	ng	#	95
91) Benzo(g,h,i)perylene	17.01	276	391671	39.336	ng	#	93

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

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