Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100216.D
Acq On : 5 Nov 2017 11:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/6/2017 2:33:16 PM

Quant Time: Nov 06 06:10:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	87934	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	371392	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	175749	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	310236	20.00	ng		0.00
75) Chrysene-d12	13.94	240	190221	20.00	ng		-0.01
86) Perylene-d12	15.40	264	148885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	463602	82.77	ng		0.00
7) Phenol-d6	6.42	99	537000	80.86	ng		0.00
23) Nitrobenzene-d5	7.34	82	435406	75.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	124835	77.94	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	863182	75.78	ng		-0.01
78) Terphenyl-d14	12.87	244	798457	91.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	93836	37.938	ng	#	88
3) Pyridine	3.21	79	217580m	36.581	ng		
4) n-Nitrosodimethylamine	3.18	42	80958	38.099	ng	#	67
6) Aniline	6.44	93	342952	39.827	ng	#	87
8) 2-Chlorophenol	6.56	128	243217	40.743	ng		92
9) Benzaldehyde	6.33	77	141727	35.712	ng		90
10) Phenol	6.43	94	278522	38.197	ng	#	60
11) bis(2-Chloroethyl)ether	6.50	93	220970	39.243	ng		93
12) 1,3-Dichlorobenzene	6.70	146	263922m	39.376	ng		
13) 1,4-Dichlorobenzene	6.78	146	275283	40.467	ng		98
14) 1,2-Dichlorobenzene	6.93	146	247477	39.917	ng		97
15) Benzyl Alcohol	6.93	79	180230	42.672	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	233187	37.281	ng		62
17) 2-Methylphenol	7.04	107	205615	41.178	ng	#	93
18) Hexachloroethane	7.26	117	86743	38.221	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	160403	41.214	ng	#	87
20) 3+4-Methylphenols	7.20	107	266449	45.828	ng		91
22) Acetophenone	7.19	105	343309	40.598	ng	#	90
24) Nitrobenzene	7.36	77	224335	38.595	ng	#	88
25) Isophorone	7.59	82	401037	38.312	ng		96
26) 2-Nitrophenol	7.67	139	129933	39.029	ng	#	85
27) 2,4-Dimethylphenol	7.72	122	198128	40.392	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	283157	38.625	ng		99
29) 2,4-Dichlorophenol	7.93	162	210225	41.256	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	208645	38.322	ng		98
31) Naphthalene	8.07	128	703419	39.237	ng		100
32) Benzoic acid	7.90	122	179869	41.660	ng		92
33) 4-Chloroaniline	8.13	127	299725	40.488	ng	#	94
34) Hexachlorobutadiene	8.17	225	108163	38.624	ng		96
35) Caprolactam	8.52	113	66839m	41.711	ng		
36) 4-Chloro-3-methylphenol	8.63	107	210717	40.515	ng		92
37) 2-Methylnaphthalene	8.76	142	477365	39.734	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	223793	39.426	ng		98
40) Hexachlorocyclopentadiene	8.90	237	49050	49.888	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	131062	38.172	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	124406	34.144	ng	#	94
45) 1,1'-Biphenyl	9.22	154	613457	38.584	ng		98
46) 2-Chloronaphthalene	9.25	162	443108	38.376	ng		95
47) 2-Nitroaniline	9.37	65	119597	39.465	ng	#	74
48) Acenaphthylene	9.66	152	691977	38.910	ng		100
49) Dimethylphthalate	9.53	163	512392	36.815	ng		99
50) 2,6-Dinitrotoluene	9.60	165	112844	38.568	ng	#	84
51) Acenaphthene	9.83	154	419173	38.575	ng		99
52) 3-Nitroaniline	9.78	138	139311	40.409	ng		91
53) 2,4-Dinitrophenol	9.93	184	36824m	35.342	ng		
54) Dibenzofuran	10.01	168	618419	40.318	ng		98
55) 4-Nitrophenol	9.97	139	69321	38.483	ng	#	79
56) 2,4-Dinitrotoluene	10.02	165	157749	44.770	ng	#	78
57) Fluorene	10.35	166	501121	39.459	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	102664	40.188	ng		91
59) Diethylphthalate	10.22	149	510416	37.554	ng		96
60) 4-Chlorophenyl-phenylether	10.33	204	236787	39.616	ng		95
61) 4-Nitroaniline	10.40	138	134155	40.787	ng		82
62) Azobenzene	10.50	77	423371	37.160	ng		89
64) 4,6-Dinitro-2-methylphenol	10.44	198	71276	36.549	ng	#	71
65) n-Nitrosodiphenylamine	10.46	169	458642	40.048	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	131849	40.370	ng	#	87
67) Hexachlorobenzene	10.90	284	133260	39.882	ng	#	87
68) Atrazine	10.99	200	132651	38.561	ng		99
69) Pentachlorophenol	11.12	266	49164	34.435	ng		98
70) Phenanthrene	11.32	178	690455	39.436	ng		98
71) Anthracene	11.37	178	712403	40.086	ng		98
72) Carbazole	11.53	167	665080	39.796	ng		97
73) Di-n-butylphthalate	11.84	149	804803	37.756	ng	#	98
74) Fluoranthene	12.51	202	679112	37.324	ng		98
76) Benzidine	12.63	184	251821	30.254	ng		98
77) Pyrene	12.74	202	674893	46.659	ng		98
79) Butylbenzylphthalate	13.33	149	301723	42.361	ng		93
80) Benzo(a)anthracene	13.93	228	456404	37.848	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	154340	35.259	ng		99
82) Chrysene	13.97	228	440516	38.857	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	377630	37.754	ng		99
84) Di-n-octyl phthalate	14.49	149	564297	32.870	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	401848	38.612	ng		97
87) Benzo(b)fluoranthene	14.97	252	332753	35.394	ng		98
88) Benzo(k)fluoranthene	15.00	252	383577	43.268	ng		100
89) Benzo(a)pyrene	15.34	252	332412	39.362	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	337054	44.916	ng		99
91) Benzo(g,h,i)perylene	17.30	276	340433	46.371	ng		97

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

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