Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100171.D
Acq On : 4 Nov 2017 11:56
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/6/2017 2:25:59 PM

Quant Time: Nov 06 09:31:10 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	93282	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	385411	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	178116	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	290577	20.00	ng		0.00
75) Chrysene-d12	13.94	240	151939	20.00	ng		-0.01
86) Perylene-d12	15.40	264	148981	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	480299	80.84	ng		0.00
7) Phenol-d6	6.42	99	547563	77.72	ng		0.00
23) Nitrobenzene-d5	7.34	82	455655	76.11	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	119450	73.59	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	903484	78.26	ng		0.00
78) Terphenyl-d14	12.87	244	669355m	96.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	98444	37.519	ng	#	86
3) Pyridine	3.22	79	233452	36.999	ng	#	87
4) n-Nitrosodimethylamine	3.20	42	78546	34.845	ng	#	67
6) Aniline	6.44	93	344905	37.757	ng	#	86
8) 2-Chlorophenol	6.56	128	254165	40.136	ng		92
9) Benzaldehyde	6.33	77	145877	34.651	ng		92
10) Phenol	6.43	94	293101	37.892	ng	#	65
11) bis(2-Chloroethyl)ether	6.50	93	238665	39.956	ng		94
12) 1,3-Dichlorobenzene	6.70	146	280477	39.447	ng		96
13) 1,4-Dichlorobenzene	6.78	146	288212	39.939	ng		97
14) 1,2-Dichlorobenzene	6.93	146	256989	39.075	ng		97
15) Benzyl Alcohol	6.93	79	178022	39.733	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	252357	38.032	ng	#	26
17) 2-Methylphenol	7.04	107	206718	39.026	ng	#	92
18) Hexachloroethane	7.26	117	92650	38.483	ng		99
19) n-Nitroso-di-n-propylamine	7.19	70	166320	40.285	ng		89
20) 3+4-Methylphenols	7.19	107	267445	43.362	ng	#	75
22) Acetophenone	7.19	105	349817	39.863	ng	#	92
24) Nitrobenzene	7.36	77	232809	38.596	ng	#	86
25) Isophorone	7.59	82	419133	38.584	ng		97
26) 2-Nitrophenol	7.67	139	143698	41.594	ng	#	84
27) 2,4-Dimethylphenol	7.72	122	202531	39.787	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	301022	39.568	ng		97
29) 2,4-Dichlorophenol	7.93	162	219495	41.509	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	221202	39.151	ng		98
31) Naphthalene	8.07	128	721780	38.797	ng		100
32) Benzoic acid	7.90	122	184573	41.194	ng		94
33) 4-Chloroaniline	8.13	127	295969	38.526	ng	#	94
34) Hexachlorobutadiene	8.17	225	115610	39.781	ng		98
35) Caprolactam	8.52	113	64518m	38.798	ng		
36) 4-Chloro-3-methylphenol	8.63	107	209574	38.830	ng		90
37) 2-Methylnaphthalene	8.76	142	490751	39.363	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	233721	40.628	ng	#	98
40) Hexachlorocyclopentadiene	8.90	237	38137	42.140	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	136063	39.102	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	131937	35.730	ng		95
45) 1,1'-Biphenyl	9.22	154	636221	39.484	ng		98
46) 2-Chloronaphthalene	9.25	162	453046	38.715	ng		95
47) 2-Nitroaniline	9.36	65	116654	37.982	ng		91
48) Acenaphthylene	9.66	152	690710	38.323	ng		100
49) Dimethylphthalate	9.53	163	515996	36.582	ng		99
50) 2,6-Dinitrotoluene	9.60	165	111659	37.656	ng	#	91
51) Acenaphthene	9.83	154	425082	38.599	ng		98
52) 3-Nitroaniline	9.78	138	128941	36.904	ng		91
53) 2,4-Dinitrophenol	9.92	184	33227m	32.098	ng		
54) Dibenzofuran	10.01	168	610084	39.246	ng		97
55) 4-Nitrophenol	9.97	139	59827m	32.771	ng		
56) 2,4-Dinitrotoluene	10.02	165	148484	41.580	ng	#	76
57) Fluorene	10.35	166	491804	38.210	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	95907	37.044	ng		93
59) Diethylphthalate	10.22	149	507596	36.850	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	233804	38.598	ng		90
61) 4-Nitroaniline	10.40	138	116463	34.937	ng		82
62) Azobenzene	10.50	77	417078	36.121	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	60626	33.191	ng	#	72
65) n-Nitrosodiphenylamine	10.46	169	445621	41.544	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	129392	42.298	ng		91
67) Hexachlorobenzene	10.90	284	127408	40.711	ng	#	90
68) Atrazine	10.99	200	126466	39.250	ng		96
69) Pentachlorophenol	11.12	266	43928m	32.849	ng		
70) Phenanthrene	11.32	178	634746	38.707	ng		99
71) Anthracene	11.37	178	649299	39.007	ng		98
72) Carbazole	11.53	167	586530	37.470	ng		98
73) Di-n-butylphthalate	11.84	149	759364	38.034	ng	#	98
74) Fluoranthene	12.51	202	567417	33.295	ng		98
76) Benzidine	12.63	184	227092	34.157	ng		99
77) Pyrene	12.74	202	550873	47.681	ng		99
79) Butylbenzylphthalate	13.34	149	247948	43.582	ng		87
80) Benzo(a)anthracene	13.93	228	373526	38.780	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	130289	37.264	ng		98
82) Chrysene	13.97	228	355988	39.313	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	310200	38.826	ng		99
84) Di-n-octyl phthalate	14.50	149	495513	36.135	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.86	276	369705	44.474	ng		97
87) Benzo(b)fluoranthene	14.98	252	349240	37.124	ng		99
88) Benzo(k)fluoranthene	15.00	252	327221	36.887	ng		99
89) Benzo(a)pyrene	15.34	252	328286	38.848	ng	#	98
90) Dibenzo(a,h)anthracene	16.86	278	313174	41.707	ng		97
91) Benzo(g,h,i)perylene	17.30	276	307637	41.876	ng		99

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

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