Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099506.D
Acq On : 15 Oct 2017 11:33
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/16/2017 7:45:20 PM

Quant Time: Oct 16 01:18:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140115	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	574104	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	262147	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	473490	20.00	ng		0.00
75) Chrysene-d12	14.02	240	365469	20.00	ng		0.00
86) Perylene-d12	15.49	264	333434	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	705041	80.10	ng		0.00
7) Phenol-d6	6.49	99	857837	79.01	ng		0.00
23) Nitrobenzene-d5	7.42	82	714074	79.77	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	181564	84.64	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1274905	81.19	ng		0.00
78) Terphenyl-d14	12.96	244	1266275	78.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	164501	39.125	ng		94
3) Pyridine	3.38	79	436254	38.356	ng		93
4) n-Nitrosodimethylamine	3.35	42	164996	34.209	ng		86
6) Aniline	6.52	93	563196	38.432	ng		99
8) 2-Chlorophenol	6.63	128	399454	40.075	ng		96
9) Benzaldehyde	6.40	77	209444	33.254	ng		94
10) Phenol	6.50	94	497550	40.973	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	372803	39.490	ng		97
12) 1,3-Dichlorobenzene	6.79	146	427793	40.981	ng		98
13) 1,4-Dichlorobenzene	6.86	146	429966	40.483	ng		99
14) 1,2-Dichlorobenzene	7.02	146	391815	39.925	ng		99
15) Benzyl Alcohol	6.99	79	268214	33.672	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	505477	34.367	ng		92
17) 2-Methylphenol	7.10	107	321540	39.425	ng		98
18) Hexachloroethane	7.35	117	151892	39.788	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	236476	34.112	ng		90
20) 3+4-Methylphenols	7.26	107	362397	35.124	ng	#	78
22) Acetophenone	7.26	105	501770	36.074	ng	#	99
24) Nitrobenzene	7.43	77	398575	39.249	ng		98
25) Isophorone	7.67	82	726955	39.276	ng		98
26) 2-Nitrophenol	7.75	139	226629	46.408	ng	#	86
27) 2,4-Dimethylphenol	7.79	122	346286	37.549	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	462756	40.120	ng		100
29) 2,4-Dichlorophenol	7.99	162	331655	41.886	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	331453	41.854	ng		99
31) Naphthalene	8.15	128	1075027	39.870	ng		99
32) Benzoic acid	7.95	122	278586	36.775	ng		97
33) 4-Chloroaniline	8.20	127	444058	39.437	ng		97
34) Hexachlorobutadiene	8.26	225	169689	41.601	ng		99
35) Caprolactam	8.59	113	103809m	40.872	ng		
36) 4-Chloro-3-methylphenol	8.69	107	355186	39.910	ng		94
37) 2-Methylnaphthalene	8.84	142	704156	40.172	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	323237	41.345	ng		99
40) Hexachlorocyclopentadiene	8.99	237	157440	44.066	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	217532	39.276	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	221601	40.081	ng		95
45) 1,1'-Biphenyl	9.30	154	907068	40.261	ng		100
46) 2-Chloronaphthalene	9.33	162	684837	40.485	ng		98
47) 2-Nitroaniline	9.43	65	204031	39.391	ng		94
48) Acenaphthylene	9.75	152	1005875	38.844	ng		99
49) Dimethylphthalate	9.61	163	840275	42.469	ng		99
50) 2,6-Dinitrotoluene	9.68	165	188668	43.801	ng	#	80
51) Acenaphthene	9.92	154	607647	37.044	ng		99
52) 3-Nitroaniline	9.85	138	217735	43.352	ng		92
53) 2,4-Dinitrophenol	9.96	184	80308	39.030	ng	#	87
54) Dibenzofuran	10.09	168	839130	38.421	ng		100
55) 4-Nitrophenol	10.02	139	192816	45.402	ng		86
56) 2,4-Dinitrotoluene	10.09	165	227078	40.620	ng		96
57) Fluorene	10.44	166	714896	40.724	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	151733	39.728	ng		98
59) Diethylphthalate	10.30	149	787167	40.716	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	325245	41.246	ng		98
61) 4-Nitroaniline	10.47	138	222094	45.835	ng		88
62) Azobenzene	10.59	77	675896	38.022	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	138288	48.003	ng		85
65) n-Nitrosodiphenylamine	10.55	169	658493	40.144	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	191997	41.426	ng		90
67) Hexachlorobenzene	10.99	284	204305	41.273	ng	#	91
68) Atrazine	11.07	200	201916	40.914	ng		99
69) Pentachlorophenol	11.18	266	150670	48.908	ng		98
70) Phenanthrene	11.40	178	1010997	39.890	ng		99
71) Anthracene	11.45	178	1041185	40.150	ng		100
72) Carbazole	11.61	167	1028109	40.485	ng		99
73) Di-n-butylphthalate	11.93	149	1254682	41.047	ng		99
74) Fluoranthene	12.59	202	1058537	41.246	ng		99
76) Benzidine	12.71	184	535335	39.603	ng		98
77) Pyrene	12.82	202	1088189	39.047	ng		99
79) Butylbenzylphthalate	13.43	149	554801	42.359	ng		89
80) Benzo(a)anthracene	14.01	228	913803	41.292	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	335224	41.321	ng		98
82) Chrysene	14.05	228	873883	41.478	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	712372	39.501	ng		99
84) Di-n-octyl phthalate	14.59	149	1279844	44.073	ng		96
85) Indeno(1,2,3-cd)pyrene	16.98	276	731936	43.429	ng		97
87) Benzo(b)fluoranthene	15.06	252	853937m	41.654	ng		
88) Benzo(k)fluoranthene	15.09	252	781381	38.589	ng		99
89) Benzo(a)pyrene	15.43	252	761686	40.476	ng	#	95
90) Dibenzo(a,h)anthracene	16.99	278	591562	39.280	ng		97
91) Benzo(g,h,i)perylene	17.43	276	604317	40.594	ng		94

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

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