Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100069.D
Acq On : 2 Nov 2017 3:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/2/2017 4:30:01 PM

Quant Time: Nov 02 14:36:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 14:34:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	84211	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	343462	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	149677	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	229441	20.00	ng		0.00
75) Chrysene-d12	14.32	240	165651	20.00	ng		0.00
86) Perylene-d12	16.21	264	156801	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	421910	78.66	ng		0.00
7) Phenol-d6	6.43	99	484546	76.19	ng		0.00
23) Nitrobenzene-d5	7.36	82	396960	74.41	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	93112	68.26	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	792328	81.67	ng		0.00
78) Terphenyl-d14	13.02	244	576296	76.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	85083	35.920	ng	#	88
3) Pyridine	3.21	79	215240	37.787	ng	#	87
4) n-Nitrosodimethylamine	3.18	42	78280	38.468	ng	#	66
6) Aniline	6.45	93	312307	37.871	ng		97
8) 2-Chlorophenol	6.57	128	225147	39.384	ng		92
9) Benzaldehyde	6.34	77	139388	36.676	ng		91
10) Phenol	6.44	94	260907	37.363	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	209313	38.817	ng		93
12) 1,3-Dichlorobenzene	6.72	146	249554	38.878	ng		97
13) 1,4-Dichlorobenzene	6.80	146	255232	39.178	ng		97
14) 1,2-Dichlorobenzene	6.95	146	231177	38.936	ng		95
15) Benzyl Alcohol	6.93	79	152783	37.773	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	225332	37.617	ng	#	11
17) 2-Methylphenol	7.05	107	183215	38.314	ng		96
18) Hexachloroethane	7.28	117	68818	31.663	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	142769	38.305	ng		91
20) 3+4-Methylphenols	7.20	107	223541	40.148	ng	#	73
22) Acetophenone	7.20	105	301454	38.548	ng	#	94
24) Nitrobenzene	7.37	77	199894	37.187	ng		89
25) Isophorone	7.60	82	359868	37.174	ng		97
26) 2-Nitrophenol	7.69	139	110894	36.019	ng	#	87
27) 2,4-Dimethylphenol	7.73	122	176878	38.992	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	258571	38.139	ng		100
29) 2,4-Dichlorophenol	7.94	162	184886	39.234	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	190980	37.930	ng		98
31) Naphthalene	8.09	128	620977	37.455	ng		99
32) Benzoic acid	7.89	122	130286m	32.630	ng		
33) 4-Chloroaniline	8.15	127	262435	38.334	ng		95
34) Hexachlorobutadiene	8.19	225	101276	39.105	ng		97
35) Caprolactam	8.54	113	56887	38.387	ng	#	65
36) 4-Chloro-3-methylphenol	8.64	107	176149	36.623	ng		87
37) 2-Methylnaphthalene	8.78	142	415239	37.374	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	192895	39.902	ng	#	97
40) Hexachlorocyclopentadiene	8.83	237	113	10.139	ng	#	26

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	116863	39.965	ng		97
43) 2,4,5-Trichlorophenol	9.12	196	121005	38.996	ng	#	92
45) 1,1'-Biphenyl	9.25	154	531895	39.282	ng		98
46) 2-Chloronaphthalene	9.27	162	372325	37.863	ng		95
47) 2-Nitroaniline	9.38	65	99144	38.414	ng		89
48) Acenaphthylene	9.69	152	565310	37.325	ng		100
49) Dimethylphthalate	9.55	163	453472	38.257	ng		99
50) 2,6-Dinitrotoluene	9.62	165	91425	36.690	ng		93
51) Acenaphthene	9.86	154	349483	37.764	ng		98
52) 3-Nitroaniline	9.80	138	115354	39.288	ng		89
53) 2,4-Dinitrophenol	9.96	184	2255m	7.888	ng		
54) Dibenzofuran	10.03	168	496305	37.993	ng		97
55) 4-Nitrophenol	9.99	139	43049m	28.061	ng		
56) 2,4-Dinitrotoluene	10.04	165	110409	36.792	ng	#	85
57) Fluorene	10.37	166	392769	36.314	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	79281	36.440	ng		94
59) Diethylphthalate	10.25	149	446218	38.549	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	192342	37.786	ng		95
61) 4-Nitroaniline	10.42	138	103125	36.814	ng		81
62) Azobenzene	10.53	77	341311	35.175	ng		88
64) 4,6-Dinitro-2-methylphenol	10.46	198	7083	4.911	ng		88
65) n-Nitrosodiphenylamine	10.49	169	369700	43.650	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	104578	43.295	ng	#	89
67) Hexachlorobenzene	10.93	284	98045	39.676	ng	#	86
68) Atrazine	11.02	200	100403	39.464	ng		100
69) Pentachlorophenol	11.14	266	66243m	62.735	ng		
70) Phenanthrene	11.35	178	482719	37.280	ng		97
71) Anthracene	11.40	178	492522	37.473	ng		98
72) Carbazole	11.57	167	448448	36.283	ng		99
73) Di-n-butylphthalate	11.89	149	676595	42.918	ng	#	98
74) Fluoranthene	12.61	202	448259	33.312	ng		96
76) Benzidine	12.75	184	255528	35.253	ng		98
77) Pyrene	12.86	202	449779	35.708	ng		100
79) Butylbenzylphthalate	13.58	149	232887	37.546	ng		91
80) Benzo(a)anthracene	14.31	228	379314	36.121	ng		99
81) 3,3'-Dichlorobenzidine	14.26	252	156722	41.114	ng		98
82) Chrysene	14.36	228	368108	37.286	ng		97
83) Bis(2-ethylhexyl)phthalate	14.29	149	346174	39.742	ng		98
84) Di-n-octyl phthalate	15.14	149	589310	39.418	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.79	276	298658	32.953	ng		97
87) Benzo(b)fluoranthene	15.71	252	366760	37.042	ng		97
88) Benzo(k)fluoranthene	15.74	252	369839	39.612	ng		99
89) Benzo(a)pyrene	16.14	252	333603	37.508	ng		98
90) Dibenzo(a,h)anthracene	17.79	278	262564	33.223	ng		97
91) Benzo(g,h,i)perylene	18.25	276	235426	30.449	ng		96

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

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