Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
Data File : BF092918.D
Acq On : 13 Feb 2017 15:15
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/14/2017 11:30:00 AM

Quant Time: Feb 13 18:11:18 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	188577	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	739834	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	419692	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	662647	20.00	ng		0.00
75) Chrysene-d12	14.05	240	530005	20.00	ng		0.00
86) Perylene-d12	15.48	264	538705	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	809533	73.65	ng		0.00
7) Phenol-d6	6.53	99	1183400	83.68	ng		0.00
23) Nitrobenzene-d5	7.46	82	1022821	76.99	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	236755	78.00	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1700288	73.40	ng		0.00
78) Terphenyl-d14	12.99	244	1596364	70.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	222297	37.43	ng	#	86
3) Pyridine	3.20	79	623866	41.31	ng	#	85
4) n-Nitrosodimethylamine	3.16	42	297460	41.95	ng		87
6) Aniline	6.56	93	799070	41.42	ng	#	44
8) 2-Chlorophenol	6.67	128	474468	39.13	ng		95
9) Benzaldehyde	6.43	77	336094	33.17	ng		93
10) Phenol	6.54	94	683814	41.33	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	490114	37.11	ng		93
12) 1,3-Dichlorobenzene	6.83	146	577427	40.65	ng		98
13) 1,4-Dichlorobenzene	6.90	146	557190	38.76	ng		99
14) 1,2-Dichlorobenzene	7.06	146	555151	40.39	ng		98
15) Benzyl Alcohol	7.04	79	423884	40.48	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	962748	41.96	ng		96
17) 2-Methylphenol	7.15	107	430052	41.34	ng		96
18) Hexachloroethane	7.40	117	194471	39.63	ng	#	89
19) n-Nitroso-di-n-propylamine	7.31	70	359875	39.97	ng		97
20) 3+4-Methylphenols	7.31	107	523065	42.05	ng		94
22) Acetophenone	7.30	105	635112	37.60	ng	#	90
24) Nitrobenzene	7.48	77	577186	42.31	ng	#	79
25) Isophorone	7.71	82	1022228	41.29	ng		95
26) 2-Nitrophenol	7.79	139	280146	43.20	ng		96
27) 2,4-Dimethylphenol	7.84	122	469288	41.21	ng		92
28) bis(2-Chloroethoxy)methane	7.93	93	686913	41.90	ng		100
29) 2,4-Dichlorophenol	8.03	162	401933	37.84	ng		89
30) 1,2,4-Trichlorobenzene	8.11	180	435710	38.07	ng	#	95
31) Naphthalene	8.19	128	1394938	37.19	ng		99
32) Benzoic acid	7.97	122	243135	39.22	ng		84
33) 4-Chloroaniline	8.25	127	629355	42.79	ng		98
34) Hexachlorobutadiene	8.30	225	238106	37.81	ng		99
35) Caprolactam	8.62	113	136453	40.84	ng	#	34
36) 4-Chloro-3-methylphenol	8.73	107	421785	38.09	ng		96
37) 2-Methylnaphthalene	8.89	142	990022	41.11	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	422173	35.84	ng		99
40) Hexachlorocyclopentadiene	9.04	237	201202	37.85	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	287815	37.18	ng		94
43) 2,4,5-Trichlorophenol	9.21	196	334739	39.47	ng	#	84
45) 1,1'-Biphenyl	9.34	154	1055295	34.72	ng		97
46) 2-Chloronaphthalene	9.37	162	902569	37.97	ng		95
47) 2-Nitroaniline	9.47	65	306957	38.40	ng		98
48) Acenaphthylene	9.79	152	1554893	37.86	ng		99
49) Dimethylphthalate	9.65	163	1055745	37.35	ng		99
50) 2,6-Dinitrotoluene	9.71	165	224215	36.73	ng	#	74
51) Acenaphthene	9.96	154	958344	39.03	ng		96
52) 3-Nitroaniline	9.88	138	241155	34.52	ng		98
53) 2,4-Dinitrophenol	10.00	184	119953	41.07	ng		92
54) Dibenzofuran	10.13	168	1247438	37.98	ng		92
55) 4-Nitrophenol	10.05	139	216389	43.00	ng	#	72
56) 2,4-Dinitrotoluene	10.12	165	336424	41.39	ng	#	79
57) Fluorene	10.48	166	1013155	40.10	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	222280	39.28	ng		99
59) Diethylphthalate	10.35	149	1045174	39.23	ng		95
60) 4-Chlorophenyl-phenylether	10.46	204	452068	37.24	ng	#	86
61) 4-Nitroaniline	10.50	138	269891	37.72	ng		92
62) Azobenzene	10.62	77	1090941	39.64	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	179821	44.77	ng		82
65) n-Nitrosodiphenylamine	10.59	169	873921	41.28	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	289190	41.77	ng	#	86
67) Hexachlorobenzene	11.02	284	275278	40.24	ng	#	84
68) Atrazine	11.12	200	290478	42.76	ng		95
69) Pentachlorophenol	11.22	266	157791	47.86	ng		96
70) Phenanthrene	11.44	178	1512568	39.84	ng		98
71) Anthracene	11.48	178	1369797	35.93	ng		99
72) Carbazole	11.64	167	1379752	37.86	ng		99
73) Di-n-butylphthalate	11.97	149	1576040	39.99	ng	#	96
74) Fluoranthene	12.62	202	1546253	39.49	ng		92
76) Benzidine	12.74	184	769552	34.07	ng		99
77) Pyrene	12.85	202	1585917	39.98	ng		99
79) Butylbenzylphthalate	13.46	149	683890	42.46	ng		98
80) Benzo(a)anthracene	14.04	228	1286936	39.70	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	473488	40.98	ng		98
82) Chrysene	14.08	228	1264361	41.66	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	855441	38.84	ng		98
84) Di-n-octyl phthalate	14.64	149	1620722	45.18	ng		99
85) Indeno(1,2,3-cd)pyrene	16.91	276	1242957	52.87	ng		95
87) Benzo(b)fluoranthene	15.07	252	1218397m	34.36	ng		
88) Benzo(k)fluoranthene	15.11	252	1227594m	40.10	ng		
89) Benzo(a)pyrene	15.43	252	1219281	39.75	ng	#	97
90) Dibenzo(a,h)anthracene	16.93	278	1033025	41.67	ng		99
91) Benzo(g,h,i)perylene	17.35	276	1084472	43.31	ng	#	90

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

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