Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
Data File : BF090601.D
Acq On : 17 Oct 2016 11:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
10/18/2016 6:05:27 PM

Quant Time: Oct 17 16:27:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 12:44:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	221247	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	938833	20.00	ng		-0.01
38) Acenaphthene-d10	9.96	164	492595	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	797356	20.00	ng		-0.01
75) Chrysene-d12	14.09	240	744632	20.00	ng		-0.01
86) Perylene-d12	15.54	264	544531	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1093699	90.62	ng		-0.02
7) Phenol-d6	6.54	99	1425361	79.48	ng		-0.01
23) Nitrobenzene-d5	7.48	82	1405587	83.17	ng		-0.01
41) 2,4,6-Tribromophenol	10.75	330	392591	89.39	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	2145324	71.76	ng		-0.01
78) Terphenyl-d14	13.04	244	2407648	75.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	283470	41.21	ng		94
3) Pyridine	3.27	79	757749	49.15	ng		95
4) n-Nitrosodimethylamine	3.24	42	226126	42.03	ng	#	78
6) Aniline	6.58	93	855148	39.46	ng	#	86
8) 2-Chlorophenol	6.69	128	636754	40.69	ng		92
9) Benzaldehyde	6.45	77	390173	34.22	ng		96
10) Phenol	6.55	94	763697	37.24	ng		94
11) bis(2-Chloroethyl)ether	6.65	93	666684	39.40	ng		94
12) 1,3-Dichlorobenzene	6.85	146	643833	41.26	ng		96
13) 1,4-Dichlorobenzene	6.93	146	640949	37.76	ng		97
14) 1,2-Dichlorobenzene	7.08	146	654128	41.22	ng		99
15) Benzyl Alcohol	7.06	79	510091	41.76	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	829994	34.85	ng		97
17) 2-Methylphenol	7.17	107	491752	40.32	ng		96
18) Hexachloroethane	7.42	117	258849	38.59	ng		97
19) n-Nitroso-di-n-propylamine	7.33	70	460568	37.46	ng	#	83
20) 3+4-Methylphenols	7.32	107	577156	39.04	ng	#	89
22) Acetophenone	7.32	105	793535	38.26	ng	#	92
24) Nitrobenzene	7.49	77	693599	39.99	ng		98
25) Isophorone	7.73	82	1204220	39.15	ng		99
26) 2-Nitrophenol	7.81	139	350324	44.52	ng		88
27) 2,4-Dimethylphenol	7.86	122	510733	39.11	ng		96
28) bis(2-Chloroethoxy)methane	7.95	93	719005	39.59	ng		99
29) 2,4-Dichlorophenol	8.05	162	457779	40.03	ng		92
30) 1,2,4-Trichlorobenzene	8.14	180	532360	39.74	ng		98
31) Naphthalene	8.22	128	1795102	37.53	ng		100
32) Benzoic acid	7.97	122	246778	30.77	ng		97
33) 4-Chloroaniline	8.27	127	728141	39.84	ng		96
34) Hexachlorobutadiene	8.34	225	290213	38.78	ng		98
35) Caprolactam	8.65	113	148610m	46.56	ng		
36) 4-Chloro-3-methylphenol	8.75	107	517708	39.23	ng		95
37) 2-Methylnaphthalene	8.91	142	1078292	38.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	547993	41.96	ng		99
40) Hexachlorocyclopentadiene	9.07	237	236310	37.04	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	317150	43.05	ng		100
43) 2,4,5-Trichlorophenol	9.23	196	355502	40.45	ng		93
45) 1,1'-Biphenyl	9.38	154	1484334	39.60	ng		99
46) 2-Chloronaphthalene	9.40	162	1086726	38.88	ng		98
47) 2-Nitroaniline	9.50	65	392187	38.71	ng	#	85
48) Acenaphthylene	9.81	152	1716440	38.57	ng		100
49) Dimethylphthalate	9.67	163	1189354	37.21	ng		100
50) 2,6-Dinitrotoluene	9.74	165	293934	42.03	ng		96
51) Acenaphthene	9.99	154	1144704	38.70	ng		100
52) 3-Nitroaniline	9.91	138	358468	40.85	ng		94
53) 2,4-Dinitrophenol	10.02	184	110680	32.76	ng	#	71
54) Dibenzofuran	10.17	168	1445163	37.14	ng		98
55) 4-Nitrophenol	10.07	139	204812	38.78	ng	#	83
56) 2,4-Dinitrotoluene	10.14	165	374956	39.47	ng		97
57) Fluorene	10.51	166	1212972	37.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	302663	41.35	ng		94
59) Diethylphthalate	10.38	149	1235762	38.12	ng	#	92
60) 4-Chlorophenyl-phenylether	10.50	204	605119	39.99	ng		98
61) 4-Nitroaniline	10.53	138	353196	40.14	ng		92
62) Azobenzene	10.66	77	1407899	37.55	ng		97
64) 4,6-Dinitro-2-methylphenol	10.55	198	188080	38.98	ng		91
65) n-Nitrosodiphenylamine	10.61	169	987353	37.49	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	351330	41.06	ng		97
67) Hexachlorobenzene	11.06	284	397463	42.79	ng	#	65
68) Atrazine	11.15	200	307224	42.17	ng		90
69) Pentachlorophenol	11.25	266	179234	38.93	ng		99
70) Phenanthrene	11.47	178	1681092	39.50	ng		99
71) Anthracene	11.51	178	1752502	38.26	ng		100
72) Carbazole	11.67	167	1658180	40.44	ng		99
73) Di-n-butylphthalate	12.01	149	2019245	42.03	ng		99
74) Fluoranthene	12.66	202	1852421	43.27	ng		100
76) Benzidine	12.78	184	643257	34.72	ng		97
77) Pyrene	12.89	202	1880597	38.13	ng		99
79) Butylbenzylphthalate	13.50	149	876825	40.13	ng		96
80) Benzo(a)anthracene	14.08	228	1643636	38.77	ng		100
81) 3,3'-Dichlorobenzidine	14.04	252	626052	43.23	ng		99
82) Chrysene	14.11	228	1550710	37.97	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	1188812	40.33	ng		100
84) Di-n-octyl phthalate	14.68	149	1667406	42.19	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.99	276	1152392	48.80	ng		95
87) Benzo(b)fluoranthene	15.12	252	1470815	41.28	ng		97
88) Benzo(k)fluoranthene	15.15	252	1299056m	33.88	ng		
89) Benzo(a)pyrene	15.48	252	1257249	38.54	ng		97
90) Dibenzo(a,h)anthracene	17.01	278	1004728	40.39	ng	#	94
91) Benzo(g,h,i)perylene	17.42	276	940101	39.63	ng		97

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

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