Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
Data File : BF091341.D
Acq On : 30 Nov 2016 9:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/1/2016 3:27:20 PM

Quant Time: Nov 30 16:22:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	164704	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	622020	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	336336	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	565578	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	341420	20.00	ng		-0.03
86) Perylene-d12	15.44	264	315397	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	731031	72.51	ng		-0.02
7) Phenol-d6	6.49	99	921966	74.29	ng		0.00
23) Nitrobenzene-d5	7.43	82	872891	78.64	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	234615	73.68	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1514212	81.52	ng		-0.02
78) Terphenyl-d14	12.97	244	1400726	89.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	171110	37.52	ng	#	86
3) Pyridine	3.18	79	476187	36.89	ng		86
4) n-Nitrosodimethylamine	3.13	42	264793	39.10	ng		92
6) Aniline	6.53	93	638247	38.71	ng	#	70
8) 2-Chlorophenol	6.65	128	414171	37.47	ng		97
9) Benzaldehyde	6.41	77	301490m	37.78	ng		
10) Phenol	6.50	94	554875	38.00	ng		93
11) bis(2-Chloroethyl)ether	6.60	93	385158	36.91	ng		91
12) 1,3-Dichlorobenzene	6.80	146	438501m	35.66	ng		
13) 1,4-Dichlorobenzene	6.88	146	458850	37.51	ng		97
14) 1,2-Dichlorobenzene	7.04	146	449139	39.42	ng		94
15) Benzyl Alcohol	7.01	79	384645	38.73	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	853848	38.06	ng		71
17) 2-Methylphenol	7.12	107	348367	39.87	ng	#	77
18) Hexachloroethane	7.38	117	173090	39.86	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	276551	35.37	ng	#	97
20) 3+4-Methylphenols	7.27	107	372848	34.95	ng	#	76
22) Acetophenone	7.28	105	597888	40.55	ng		98
24) Nitrobenzene	7.45	77	464386	40.87	ng	#	75
25) Isophorone	7.69	82	781913	39.76	ng		97
26) 2-Nitrophenol	7.76	139	189917	36.67	ng		96
27) 2,4-Dimethylphenol	7.81	122	398348	41.12	ng		93
28) bis(2-Chloroethoxy)methane	7.90	93	420751	35.55	ng		99
29) 2,4-Dichlorophenol	8.00	162	311434	36.54	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	397230	41.58	ng		98
31) Naphthalene	8.17	128	1156214	39.11	ng		100
32) Benzoic acid	7.91	122	264713	37.07	ng		94
33) 4-Chloroaniline	8.22	127	483405	38.25	ng		96
34) Hexachlorobutadiene	8.30	225	240095	40.87	ng		98
35) Caprolactam	8.58	113	88006	35.93	ng		94
36) 4-Chloro-3-methylphenol	8.70	107	358808	39.00	ng		96
37) 2-Methylnaphthalene	8.86	142	760973	37.89	ng		92
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	369368	38.96	ng		99
40) Hexachlorocyclopentadiene	9.02	237	178574	40.63	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	248598	40.34	ng		96
43) 2,4,5-Trichlorophenol	9.18	196	261742	42.38	ng		95
45) 1,1'-Biphenyl	9.33	154	896014	37.05	ng		97
46) 2-Chloronaphthalene	9.35	162	678636	37.68	ng		98
47) 2-Nitroaniline	9.44	65	242080	37.42	ng	#	74
48) Acenaphthylene	9.76	152	1071558	37.79	ng		98
49) Dimethylphthalate	9.64	163	806703	39.61	ng		99
50) 2,6-Dinitrotoluene	9.69	165	183239	40.26	ng	#	54
51) Acenaphthene	9.94	154	758423	39.66	ng		96
52) 3-Nitroaniline	9.85	138	191600	36.37	ng		89
53) 2,4-Dinitrophenol	9.96	184	84085	42.24	ng		95
54) Dibenzofuran	10.10	168	992933	38.78	ng		99
55) 4-Nitrophenol	10.00	139	126693	33.29	ng		92
56) 2,4-Dinitrotoluene	10.08	165	231002	39.12	ng	#	54
57) Fluorene	10.45	166	728033	37.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	208464	39.53	ng		95
59) Diethylphthalate	10.33	149	811944	40.39	ng	#	93
60) 4-Chlorophenyl-phenylether	10.45	204	373332	37.86	ng		92
61) 4-Nitroaniline	10.46	138	172599	34.89	ng		84
62) Azobenzene	10.61	77	883056	43.05	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	125702	40.34	ng	#	66
65) n-Nitrosodiphenylamine	10.56	169	644430	37.58	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	255329	42.00	ng	#	76
67) Hexachlorobenzene	11.00	284	242089	36.85	ng	#	78
68) Atrazine	11.09	200	183956	33.12	ng		98
69) Pentachlorophenol	11.19	266	161436	41.74	ng		96
70) Phenanthrene	11.41	178	1057279	35.98	ng		99
71) Anthracene	11.46	178	1193303	40.91	ng		99
72) Carbazole	11.61	167	986284	37.26	ng		98
73) Di-n-butylphthalate	11.96	149	1209670	40.33	ng		99
74) Fluoranthene	12.60	202	1148539	41.26	ng		99
76) Benzidine	12.71	184	359114	35.83	ng		99
77) Pyrene	12.82	202	1147806	44.30	ng		99
79) Butylbenzylphthalate	13.44	149	390520	40.25	ng		91
80) Benzo(a)anthracene	14.00	228	770048	38.57	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	266698	37.92	ng	#	98
82) Chrysene	14.04	228	742034	37.56	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	515637	41.93	ng	#	92
84) Di-n-octyl phthalate	14.62	149	789015	42.40	ng		97
85) Indeno(1,2,3-cd)pyrene	16.85	276	853664	47.18	ng		96
87) Benzo(b)fluoranthene	15.03	252	669607m	34.16	ng		
88) Benzo(k)fluoranthene	15.07	252	724508m	43.95	ng		
89) Benzo(a)pyrene	15.39	252	677791	38.50	ng	#	95
90) Dibenzo(a,h)anthracene	16.87	278	735577	45.17	ng	#	93
91) Benzo(g,h,i)perylene	17.27	276	766859	45.68	ng		100

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

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