Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
Data File : BF091366.D
Acq On : 30 Nov 2016 20:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/1/2016 3:28:26 PM

Quant Time: Dec 01 00:53:48 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	180412	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	688048	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	360741	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	510919	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	346092	20.00	ng		-0.03
86) Perylene-d12	15.44	264	388426	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	895726	81.11	ng		0.00
7) Phenol-d6	6.49	99	1080756	79.50	ng		0.00
23) Nitrobenzene-d5	7.43	82	942679	76.78	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	223728	65.51	ng		-0.02
44) 2-Fluorobiphenyl	9.24	172	1788649	89.78	ng		0.00
78) Terphenyl-d14	12.97	244	1257836	78.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	198674	39.77	ng		88
3) Pyridine	3.19	79	575762	40.72	ng		88
4) n-Nitrosodimethylamine	3.14	42	302724	40.81	ng		93
6) Aniline	6.53	93	690702	38.25	ng	#	71
8) 2-Chlorophenol	6.65	128	489232	40.40	ng		99
9) Benzaldehyde	6.41	77	259809	29.72	ng		78
10) Phenol	6.50	94	557016	34.82	ng		96
11) bis(2-Chloroethyl)ether	6.61	93	473910	41.46	ng		89
12) 1,3-Dichlorobenzene	6.80	146	512031m	38.02	ng		
13) 1,4-Dichlorobenzene	6.88	146	515321	38.46	ng		97
14) 1,2-Dichlorobenzene	7.04	146	515282	41.29	ng		94
15) Benzyl Alcohol	7.01	79	425541	39.11	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	986012	40.12	ng		71
17) 2-Methylphenol	7.12	107	390131	40.76	ng	#	76
18) Hexachloroethane	7.38	117	191296	40.21	ng		99
19) n-Nitroso-di-n-propylamine	7.28	70	313305	36.58	ng		96
20) 3+4-Methylphenols	7.27	107	443446	37.95	ng	#	76
22) Acetophenone	7.28	105	647603	39.71	ng	#	94
24) Nitrobenzene	7.45	77	564572	44.91	ng	#	81
25) Isophorone	7.69	82	891402	40.98	ng		99
26) 2-Nitrophenol	7.76	139	221135	38.60	ng		96
27) 2,4-Dimethylphenol	7.81	122	450251	42.02	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	503185	38.43	ng		100
29) 2,4-Dichlorophenol	8.00	162	357229	37.89	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	431366	40.82	ng		98
31) Naphthalene	8.17	128	1286015	39.33	ng		100
32) Benzoic acid	7.92	122	298137	37.74	ng		94
33) 4-Chloroaniline	8.22	127	510000	36.48	ng		95
34) Hexachlorobutadiene	8.30	225	279491	43.01	ng		98
35) Caprolactam	8.60	113	113117	41.75	ng	#	86
36) 4-Chloro-3-methylphenol	8.70	107	375347	36.88	ng		98
37) 2-Methylnaphthalene	8.87	142	853880	38.44	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	414854	40.79	ng		97
40) Hexachlorocyclopentadiene	9.02	237	90226	19.14	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	263065	39.80	ng		97
43) 2,4,5-Trichlorophenol	9.18	196	265952	40.15	ng	#	92
45) 1,1'-Biphenyl	9.33	154	1003751	38.70	ng		97
46) 2-Chloronaphthalene	9.35	162	728595	37.72	ng		99
47) 2-Nitroaniline	9.44	65	259843	37.45	ng	#	75
48) Acenaphthylene	9.76	152	1163758	38.27	ng		99
49) Dimethylphthalate	9.64	163	927146	42.45	ng		99
50) 2,6-Dinitrotoluene	9.69	165	213752	43.78	ng	#	58
51) Acenaphthene	9.94	154	807724	39.38	ng		95
52) 3-Nitroaniline	9.85	138	196024	34.69	ng		88
53) 2,4-Dinitrophenol	9.96	184	46060	21.57	ng		91
54) Dibenzofuran	10.10	168	1036560	37.74	ng		98
55) 4-Nitrophenol	10.00	139	131170	32.14	ng		92
56) 2,4-Dinitrotoluene	10.08	165	240112	37.91	ng	#	52
57) Fluorene	10.45	166	747461	35.45	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	188331	33.30	ng		94
59) Diethylphthalate	10.33	149	892333	41.39	ng	#	93
60) 4-Chlorophenyl-phenylether	10.45	204	401617	37.98	ng		93
61) 4-Nitroaniline	10.46	138	179826	33.89	ng		87
62) Azobenzene	10.61	77	913825	41.54	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	80779	28.70	ng	#	57
65) n-Nitrosodiphenylamine	10.56	169	682472	44.06	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	245732	44.75	ng	#	74
67) Hexachlorobenzene	11.00	284	234286	39.48	ng	#	80
68) Atrazine	11.09	200	66238	13.20	ng		91
69) Pentachlorophenol	11.19	266	115102	32.95	ng		94
70) Phenanthrene	11.41	178	1005309	37.87	ng		99
71) Anthracene	11.46	178	1097222	41.64	ng		98
72) Carbazole	11.61	167	949316	39.71	ng		97
73) Di-n-butylphthalate	11.96	149	1177320	43.45	ng		99
74) Fluoranthene	12.60	202	985624	39.19	ng		96
76) Benzidine	12.71	184	138539	13.64	ng		99
77) Pyrene	12.82	202	1003395	38.20	ng		98
79) Butylbenzylphthalate	13.44	149	378188	38.45	ng		91
80) Benzo(a)anthracene	14.00	228	826763	40.85	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	302332	42.40	ng	#	98
82) Chrysene	14.05	228	867614	43.32	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	539545	43.28	ng	#	91
84) Di-n-octyl phthalate	14.62	149	967803	51.30	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	847143	46.19	ng		96
87) Benzo(b)fluoranthene	15.03	252	1064674	44.10	ng		99
88) Benzo(k)fluoranthene	15.07	252	739220m	36.41	ng		
89) Benzo(a)pyrene	15.39	252	871071	40.18	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	730189	36.41	ng	#	95
91) Benzo(g,h,i)perylene	17.27	276	703961	34.05	ng		100

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

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