Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091713.D
Acq On : 17 Dec 2016 14:20
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
umangi
12/20/2016 11:40:02 AM

Quant Time: Dec 17 22:31:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:15:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	318610	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	1239212	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	692656	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1070135	20.00	ng		0.00
75) Chrysene-d12	13.93	240	910106	20.00	ng		0.00
86) Perylene-d12	15.33	264	925553	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	914821	48.02	ng		-0.01
7) Phenol-d6	6.41	99	1153240	48.39	ng		-0.01
23) Nitrobenzene-d5	7.33	82	1127286	50.17	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	318174	55.05	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	2008182	51.08	ng		0.00
78) Terphenyl-d14	12.88	244	1724045	43.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	229572	22.92	ng		98
3) Pyridine	2.99	79	774322	28.22	ng		98
4) n-Nitrosodimethylamine	2.94	42	282113	24.33	ng		97
6) Aniline	6.43	93	772150	24.82	ng	#	56
8) 2-Chlorophenol	6.56	128	553794	25.93	ng		90
9) Benzaldehyde	6.32	77	379424	23.31	ng		93
10) Phenol	6.42	94	613063	21.60	ng		96
11) bis(2-Chloroethyl)ether	6.51	93	564435	27.32	ng		94
12) 1,3-Dichlorobenzene	6.70	146	568525m	24.18	ng		
13) 1,4-Dichlorobenzene	6.78	146	575272	24.84	ng		99
14) 1,2-Dichlorobenzene	6.94	146	539445	25.97	ng		96
15) Benzyl Alcohol	6.91	79	464069	24.68	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	836934	26.03	ng		99
17) 2-Methylphenol	7.04	107	449184	25.35	ng		98
18) Hexachloroethane	7.29	117	217480	24.19	ng		92
19) n-Nitroso-di-n-propylamine	7.18	70	385093	26.01	ng		96
20) 3+4-Methylphenols	7.20	107	542725	24.67	ng	#	75
22) Acetophenone	7.18	105	771368	25.75	ng	#	98
24) Nitrobenzene	7.36	77	640195	27.70	ng		95
25) Isophorone	7.60	82	1021397	25.44	ng		95
26) 2-Nitrophenol	7.68	139	316258	30.17	ng	#	87
27) 2,4-Dimethylphenol	7.72	122	511870	27.71	ng		96
28) bis(2-Chloroethoxy)methane	7.81	93	658956	28.52	ng		99
29) 2,4-Dichlorophenol	7.92	162	418755	26.26	ng		89
30) 1,2,4-Trichlorobenzene	8.00	180	454047	24.94	ng	#	95
31) Naphthalene	8.08	128	1464317	25.10	ng		100
32) Benzoic acid	7.84	122	351976	27.93	ng		97
33) 4-Chloroaniline	8.13	127	707865	28.11	ng		95
34) Hexachlorobutadiene	8.20	225	274455	26.66	ng		99
35) Caprolactam	8.50	113	138910	28.58	ng	#	72
36) 4-Chloro-3-methylphenol	8.61	107	452868	25.29	ng		93
37) 2-Methylnaphthalene	8.77	142	1023280	27.07	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	416027	21.75	ng		99
40) Hexachlorocyclopentadiene	8.92	237	181104	21.44	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	293260	24.00	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	321932	25.41	ng	#	89
45) 1,1'-Biphenyl	9.23	154	1193237	23.27	ng		96
46) 2-Chloronaphthalene	9.25	162	894738	22.71	ng		93
47) 2-Nitroaniline	9.36	65	352126	27.26	ng		89
48) Acenaphthylene	9.68	152	1489765	25.01	ng		98
49) Dimethylphthalate	9.54	163	1097648	24.70	ng		99
50) 2,6-Dinitrotoluene	9.60	165	228216	23.29	ng	#	70
51) Acenaphthene	9.85	154	1017351	24.61	ng		99
52) 3-Nitroaniline	9.77	138	329936	28.93	ng		90
53) 2,4-Dinitrophenol	9.87	184	130709	33.79	ng	#	72
54) Dibenzofuran	10.02	168	1304303	25.45	ng		92
55) 4-Nitrophenol	9.94	139	211885	25.63	ng	#	62
56) 2,4-Dinitrotoluene	10.00	165	295077	24.28	ng		89
57) Fluorene	10.36	166	963284	24.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	256553	26.19	ng		98
59) Diethylphthalate	10.24	149	1117855	26.33	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	452002	24.99	ng		95
61) 4-Nitroaniline	10.37	138	275148	24.08	ng		99
62) Azobenzene	10.51	77	1240935	26.15	ng		95
64) 4,6-Dinitro-2-methylphenol	10.41	198	192005	33.56	ng		73
65) n-Nitrosodiphenylamine	10.46	169	874108	26.74	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	316954	28.69	ng	#	87
67) Hexachlorobenzene	10.90	284	308065	26.25	ng	#	74
68) Atrazine	11.00	200	309425	30.05	ng		97
69) Pentachlorophenol	11.09	266	176290	26.65	ng		98
70) Phenanthrene	11.31	178	1429677	26.11	ng		99
71) Anthracene	11.37	178	1613361	28.46	ng		98
72) Carbazole	11.53	167	1425180	27.79	ng		97
73) Di-n-butylphthalate	11.86	149	1723152	29.27	ng		99
74) Fluoranthene	12.50	202	1545942	27.88	ng		97
76) Benzidine	12.63	184	729202	25.88	ng		98
77) Pyrene	12.73	202	1656647	23.26	ng		100
79) Butylbenzylphthalate	13.36	149	802851	27.95	ng		89
80) Benzo(a)anthracene	13.92	228	1344421	25.21	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	527014	26.89	ng	#	96
82) Chrysene	13.95	228	1121426	20.07	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	948637	25.98	ng		99
84) Di-n-octyl phthalate	14.53	149	1879974	29.68	ng		97
85) Indeno(1,2,3-cd)pyrene	16.68	276	1350209	26.42	ng		99
87) Benzo(b)fluoranthene	14.93	252	1323028m	23.33	ng		
88) Benzo(k)fluoranthene	14.96	252	1213148m	25.43	ng		
89) Benzo(a)pyrene	15.28	252	1278350	25.57	ng	#	96
90) Dibenzo(a,h)anthracene	16.69	278	1152929	25.68	ng		98
91) Benzo(g,h,i)perylene	17.08	276	1144753	24.95	ng	#	94

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

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