Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091832.D
Acq On : 21 Dec 2016 13:37
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
12/22/2016 7:11:17 PM

Quant Time: Dec 21 14:23:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 14:14:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	294160	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	1198072	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	605417	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	994063	20.00	ng		0.00
75) Chrysene-d12	13.91	240	728345	20.00	ng		0.00
86) Perylene-d12	15.30	264	621371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1363122	77.64	ng		0.00
7) Phenol-d6	6.41	99	1758596	82.13	ng		0.00
23) Nitrobenzene-d5	7.32	82	1658287	79.82	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	390447	76.06	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	2445111	81.14	ng		0.00
78) Terphenyl-d14	12.85	244	2188567	75.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	351904	40.70	ng		97
3) Pyridine	2.98	79	1250732	44.90	ng		99
4) n-Nitrosodimethylamine	2.94	42	478333	44.37	ng		99
6) Aniline	6.42	93	1119161	40.62	ng		93
8) 2-Chlorophenol	6.54	128	820032	42.43	ng		85
9) Benzaldehyde	6.29	77	498189	37.51	ng		98
10) Phenol	6.42	94	1067728	44.24	ng		97
11) bis(2-Chloroethyl)ether	6.50	93	843220	43.74	ng		92
12) 1,3-Dichlorobenzene	6.69	146	906181m	42.69	ng		
13) 1,4-Dichlorobenzene	6.77	146	888639	41.38	ng		92
14) 1,2-Dichlorobenzene	6.92	146	743773	39.54	ng		97
15) Benzyl Alcohol	6.90	79	678965	40.95	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1171662	39.78	ng		87
17) 2-Methylphenol	7.02	107	646772	40.05	ng		96
18) Hexachloroethane	7.26	117	340875	42.72	ng		96
19) n-Nitroso-di-n-propylamine	7.18	70	606064	42.55	ng	#	93
20) 3+4-Methylphenols	7.18	107	814928	45.23	ng	#	74
22) Acetophenone	7.17	105	1198693	41.44	ng		98
24) Nitrobenzene	7.34	77	1017020	45.59	ng		93
25) Isophorone	7.58	82	1589176	40.09	ng		97
26) 2-Nitrophenol	7.65	139	443506	41.21	ng		96
27) 2,4-Dimethylphenol	7.71	122	817205	46.54	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	992180	42.78	ng		98
29) 2,4-Dichlorophenol	7.90	162	655332	40.47	ng		91
30) 1,2,4-Trichlorobenzene	7.98	180	733275	41.79	ng		97
31) Naphthalene	8.06	128	2412692	42.15	ng		99
32) Benzoic acid	7.86	122	591650	47.29	ng		98
33) 4-Chloroaniline	8.11	127	1013525	42.04	ng		97
34) Hexachlorobutadiene	8.18	225	377975	38.31	ng		99
35) Caprolactam	8.50	113	214893	41.24	ng	#	65
36) 4-Chloro-3-methylphenol	8.61	107	789247	44.18	ng		93
37) 2-Methylnaphthalene	8.75	142	1376780	38.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	680448	45.09	ng		99
40) Hexachlorocyclopentadiene	8.91	237	278429	43.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	472951	43.86	ng		97
43) 2,4,5-Trichlorophenol	9.08	196	459180	43.35	ng	#	88
45) 1,1'-Biphenyl	9.22	154	1880704	43.34	ng		99
46) 2-Chloronaphthalene	9.24	162	1387016	42.77	ng		97
47) 2-Nitroaniline	9.34	65	530867	47.95	ng	#	75
48) Acenaphthylene	9.65	152	2043121	40.66	ng		100
49) Dimethylphthalate	9.53	163	1631372	41.25	ng		99
50) 2,6-Dinitrotoluene	9.58	165	343993	39.67	ng	#	74
51) Acenaphthene	9.82	154	1364670	39.57	ng		99
52) 3-Nitroaniline	9.76	138	480725	44.53	ng		93
53) 2,4-Dinitrophenol	9.86	184	217118	46.35	ng	#	70
54) Dibenzofuran	10.00	168	1716804	41.87	ng		98
55) 4-Nitrophenol	9.93	139	313551	41.82	ng		96
56) 2,4-Dinitrotoluene	9.98	165	417917	38.58	ng	#	85
57) Fluorene	10.34	166	1409065	44.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	378411	43.21	ng		98
59) Diethylphthalate	10.22	149	1647178	42.37	ng		95
60) 4-Chlorophenyl-phenylether	10.33	204	590445	40.70	ng		98
61) 4-Nitroaniline	10.37	138	489994	47.91	ng		89
62) Azobenzene	10.49	77	1647080	39.82	ng		99
64) 4,6-Dinitro-2-methylphenol	10.40	198	258819	39.48	ng	#	51
65) n-Nitrosodiphenylamine	10.45	169	1175152	38.07	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	410719	39.40	ng		100
67) Hexachlorobenzene	10.89	284	452843	41.46	ng		97
68) Atrazine	10.99	200	380617	40.80	ng		92
69) Pentachlorophenol	11.08	266	243886	41.38	ng		98
70) Phenanthrene	11.30	178	2244716	45.19	ng		99
71) Anthracene	11.34	178	1943571	36.94	ng		100
72) Carbazole	11.51	167	1828544	39.75	ng		100
73) Di-n-butylphthalate	11.84	149	2170927	36.81	ng		100
74) Fluoranthene	12.48	202	1931624	37.23	ng		100
76) Benzidine	12.60	184	801944	38.25	ng		100
77) Pyrene	12.71	202	1988912	37.81	ng		100
79) Butylbenzylphthalate	13.33	149	1042702	42.35	ng		89
80) Benzo(a)anthracene	13.89	228	1627395	39.06	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	585927	35.15	ng		98
82) Chrysene	13.93	228	1493754	34.59	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	1136029	36.38	ng	#	99
84) Di-n-octyl phthalate	14.50	149	2097936	36.46	ng		98
85) Indeno(1,2,3-cd)pyrene	16.64	276	1391038	32.76	ng		100
87) Benzo(b)fluoranthene	14.91	252	1649437m	41.86	ng		
88) Benzo(k)fluoranthene	14.93	252	1278485m	46.24	ng		
89) Benzo(a)pyrene	15.24	252	1399232	41.38	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	1152784	39.11	ng	#	96
91) Benzo(g,h,i)perylene	17.05	276	1196873	39.95	ng		98

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

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