Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090077.D
Acq On : 15 Sep 2016 4:05
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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9/15/2016 12:52:17 PM

Quant Time: Sep 15 05:15:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 04:11:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	161094m	20.00	ng		0.01
21) Naphthalene-d8	7.84	136	652790	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	327805	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	570271	20.00	ng		0.00
75) Chrysene-d12	13.67	240	422777	20.00	ng		0.00
86) Perylene-d12	14.99	264	370071	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1005901	99.81	ng		0.00
7) Phenol-d6	6.20	99	1292193	98.15	ng		0.00
23) Nitrobenzene-d5	7.13	82	1095363	94.68	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	320123	95.58	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1642897	78.23	ng		0.00
78) Terphenyl-d14	12.64	244	1526002	89.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	255986	50.91	ng		98
3) Pyridine	2.59	79	697735	54.92	ng		99
4) n-Nitrosodimethylamine	2.57	42	216615	56.00	ng		97
6) Aniline	6.22	93	785770	48.01	ng		91
8) 2-Chlorophenol	6.34	128	574568	49.77	ng		86
9) Benzaldehyde	6.09	77	335494	48.07	ng		98
10) Phenol	6.23	94	758757m	49.57	ng		
11) bis(2-Chloroethyl)ether	6.31	93	590533	50.22	ng		92
12) 1,3-Dichlorobenzene	6.49	146	557466m	46.81	ng		
13) 1,4-Dichlorobenzene	6.57	146	584353m	47.85	ng		
14) 1,2-Dichlorobenzene	6.73	146	520053	46.27	ng		98
15) Benzyl Alcohol	6.72	79	376184	50.46	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	705682	49.87	ng		96
17) 2-Methylphenol	6.83	107	456645	48.48	ng		99
18) Hexachloroethane	7.06	117	205216	45.95	ng		99
19) n-Nitroso-di-n-propylamine	6.99	70	362157	44.54	ng		98
20) 3+4-Methylphenols	6.99	107	544718	48.06	ng		95
22) Acetophenone	6.98	105	795742	50.37	ng	#	98
24) Nitrobenzene	7.15	77	654694	53.53	ng	#	85
25) Isophorone	7.39	82	1187228	49.01	ng		98
26) 2-Nitrophenol	7.46	139	284282	48.23	ng		94
27) 2,4-Dimethylphenol	7.52	122	493622	47.48	ng		98
28) bis(2-Chloroethoxy)methane	7.61	93	660896	46.82	ng		100
29) 2,4-Dichlorophenol	7.71	162	472752	51.30	ng		97
30) 1,2,4-Trichlorobenzene	7.79	180	449876	49.63	ng		94
31) Naphthalene	7.86	128	1471269	45.82	ng		100
32) Benzoic acid	7.69	122	421951	52.61	ng		98
33) 4-Chloroaniline	7.92	127	646256	47.71	ng		98
34) Hexachlorobutadiene	7.99	225	218883	47.38	ng		99
35) Caprolactam	8.32	113	149582	47.75	ng		99
36) 4-Chloro-3-methylphenol	8.42	107	575989	53.51	ng		91
37) 2-Methylnaphthalene	8.56	142	984005	49.60	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	353935	41.73	ng		99
40) Hexachlorocyclopentadiene	8.71	237	211894	48.15	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	292996	46.82	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	318804	47.53	ng		96
45) 1,1'-Biphenyl	9.02	154	1198338	43.58	ng		99
46) 2-Chloronaphthalene	9.04	162	856830	44.29	ng		99
47) 2-Nitroaniline	9.14	65	310898	48.91	ng		87
48) Acenaphthylene	9.45	152	1455348	43.51	ng		99
49) Dimethylphthalate	9.34	163	1073151	43.98	ng		99
50) 2,6-Dinitrotoluene	9.39	165	284398	52.28	ng	#	73
51) Acenaphthene	9.62	154	820451	41.03	ng		99
52) 3-Nitroaniline	9.55	138	293122	44.34	ng		90
53) 2,4-Dinitrophenol	9.66	184	148792	57.66	ng	#	83
54) Dibenzofuran	9.79	168	1122603	42.93	ng		95
55) 4-Nitrophenol	9.72	139	215535	33.24	ng	#	83
56) 2,4-Dinitrotoluene	9.79	165	320662	48.18	ng	#	80
57) Fluorene	10.14	166	932144	45.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	227424	44.89	ng		99
59) Diethylphthalate	10.03	149	1121463	47.62	ng		96
60) 4-Chlorophenyl-phenylether	10.14	204	362479	41.61	ng	#	77
61) 4-Nitroaniline	10.17	138	308888	45.65	ng		88
62) Azobenzene	10.28	77	1104715	44.16	ng		99
64) 4,6-Dinitro-2-methylphenol	10.19	198	175074	47.48	ng	#	60
65) n-Nitrosodiphenylamine	10.25	169	841276	46.16	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	277042	50.60	ng	#	92
67) Hexachlorobenzene	10.67	284	291141	45.33	ng	#	92
68) Atrazine	10.79	200	250943	47.50	ng		97
69) Pentachlorophenol	10.87	266	207018	54.07	ng		98
70) Phenanthrene	11.08	178	1377387	49.76	ng		99
71) Anthracene	11.13	178	1316387	45.42	ng		100
72) Carbazole	11.29	167	1430194	46.43	ng		99
73) Di-n-butylphthalate	11.63	149	1606730	47.27	ng		100
74) Fluoranthene	12.25	202	1242639	43.42	ng		99
76) Benzidine	12.39	184	836243	48.03	ng		98
77) Pyrene	12.48	202	1398901	47.23	ng		100
79) Butylbenzylphthalate	13.12	149	767547	51.40	ng		95
80) Benzo(a)anthracene	13.66	228	1142107	47.85	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	459386	45.66	ng	#	98
82) Chrysene	13.69	228	1041235	44.66	ng		100
83) Bis(2-ethylhexyl)phthalate	13.68	149	849180	45.99	ng		99
84) Di-n-octyl phthalate	14.29	149	1492794	45.76	ng		99
85) Indeno(1,2,3-cd)pyrene	16.18	276	866264	42.92	ng		100
87) Benzo(b)fluoranthene	14.65	252	1249766m	55.67	ng		
88) Benzo(k)fluoranthene	14.67	252	779259m	42.43	ng		
89) Benzo(a)pyrene	14.95	252	946379	48.18	ng		98
90) Dibenzo(a,h)anthracene	16.19	278	722179	46.39	ng		97
91) Benzo(g,h,i)perylene	16.53	276	693483	46.61	ng		99

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

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